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DISASTER MANAGEMENT



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MINISTRY OF INTERIOR
NATIONAL DIRECTORATE GENERAL
FOR DISASTER MANAGEMENT

Managerial Preamble

Tradition and innovation. These two words faithfully reflects the aspirations that disaster management has taken since last year.

Tradition is not just about nurturing historical traditions in the organization, but also the traditionally solid value system, recognized reliability, well-established professional base, a clear and stable system of rules that we are planning and working with, working and dedicating to everyday life. Tradition for us means that there are inherited and respected fundamental values that are beyond question and we are proud of.

What else could be the main purpose of disaster management efforts as people's safety? As discipline, humility, maximum attention, and the highest level of work are among the expectations of the staff of the organization.

If traditions are the foundation, then innovation is a common multiplicity of aspirations that point to the future; the advancement of progressive spirit, renewal, constant improvement, perfection, building barracks, making vehicles, putting new tools into the hands of firefighters, improving technology, training or publications.

Last year, we also experienced how difficult it was to prepare for the unpredictable, and not a lesser challenge to prevent trouble, to evade the extremes of the weather, to calculate with the natural, social, and technological variables that one year ago might not have known about its existence.

Future research is now a separate discipline. This social science, among other things, is also looking at what changes



in the life of mankind are causing the rapid development of technology, continuous social reorganization, or even climate change. The changes themselves are following each other faster, so long-term planning is replaced by more short-term, quick and effective measures, with immediate situational recognition and response being the key to survival.

What does this have to do with disaster management? In the life of our organization, planning and preparation, the study of phenomena, the exploration of causal relationships, the forecasting, the impact study, the processing of important or instructive cases for something are indispensable. If the change in the world accelerates, then they must first adapt to those who, in the face of these rapid changes, must guarantee peace, order, and security.

We are preparing for this in quieter times, and that is why we are working in difficult times.

Based on last year's chronicle, the rules for chimney sweeping changed on the first day of the year. The essence of the change is that those living in a one-bedroom property are already responsible for their chimney condition. This responsibility does not have to be borne alone; disaster management has consistently communicated all the useful information that helped us make the decision and which prevented it from happening. Throughout the year, our information campaigns covered a wide range of topics, and the organization was always vigilant and active in preparing for emergencies involving families, households, settlements, factories, industrial facilities, service providers, transport centers, and parts of the country.

However, the peculiarity of unpredictable events is that they occur occasionally despite the preventive action. A basic provision for disaster management is that no one should remain alone in these situations. Our firefighters did not delay in March, when Hungary was hit by intense snow, the country's professional, municipal and voluntary fire extinguishers were alerted by hundreds of locations, there were power outages in many settlements, and the heavy snow and tiny rain fell. There were operative tribes in several counties, and finally the damage was eradicated and the rest of everyday life was restored.

If I started the introduction with the duality of tradition and innovation, I turn back to this line of thought in closing. The Central Orchestra of Disaster Management celebrated its eighteenth anniversary last year, and the Disaster Management Education Center became seventy years old. In 2018, the latter released hundreds of young firefighters and trained operators of the latest techniques among its walls

In addition, the barracks were constantly renewed, the firefighter posts were built, the equipment park was modernized, the self-developed fire-fighting vehicles rolled off the production line, and the acquisition of the most modern technical equipment began. Programs have been launched that help to provide a powerful response to large-scale, long-lasting emergencies. The pillars of co-operation have also been further strengthened, and it is clear from our annual summary that there are a number of voluntary fire-fighting associations and rescue organizations well prepared for co-operation.

It is impossible in these columns to report on what happened in our organization in one year. Take a look at the yearbook, on which pages of prominent tables and photos document all the reasons why almost twelve thousand people start off every day in the battle of everyday life.

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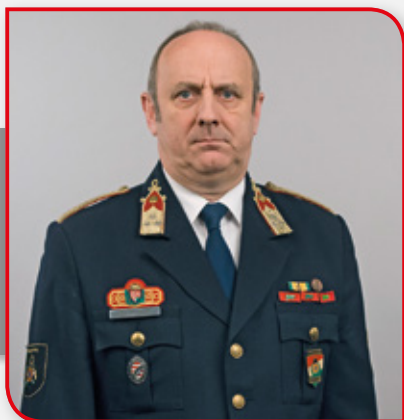
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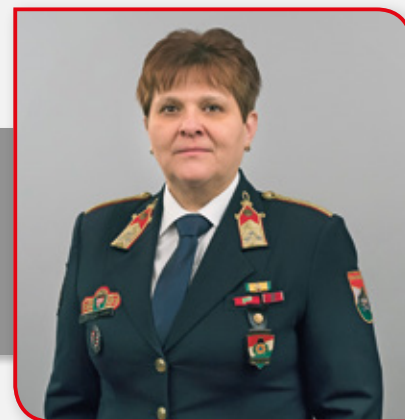
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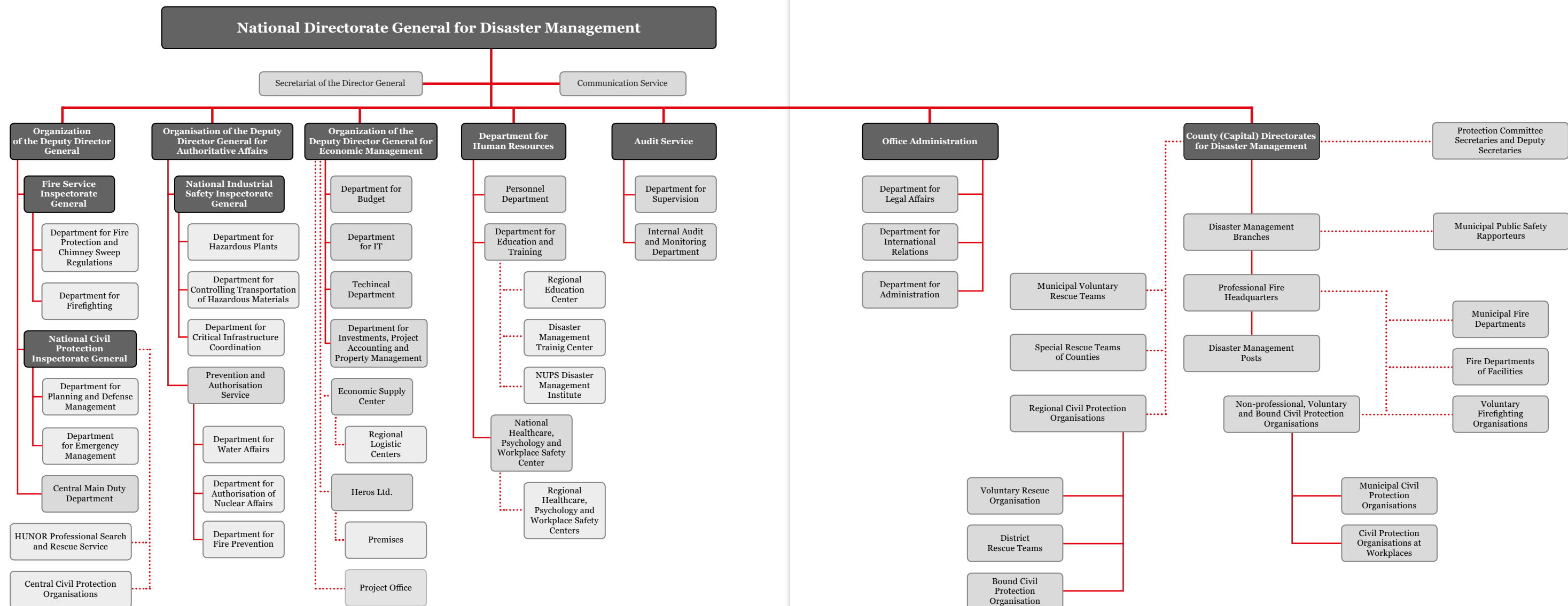


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Organigram of the professional disaster management structure



JANUARY

1. Following the decision of the Parliament, the rules of chimney sweeping changed on 1 January. The essence of the change is that those living in one-dwelling – typically family houses – will not receive a notification from the chimney sweeping body, or in some municipalities, from the municipal public service provider of the date of the chimney check. Depending on the type of fuel heater they use, the owners can apply for the chimney sweep control on a yearly or bi-annual basis, free of charge, at the right time.

17-19. Three members of the CTIF Subcommittee on Historical and Documentation visited the Central Museum of Disaster Management for three days. Professionals also visited the National Directorate General for Disaster Management, where they became familiar with the operation of the organization.

18-20. The National University of Public Service waited for the visitors with its full training offer at the 18th Educatio International Educational Exhibition, HUNGEXPO pavilion G.

26-27. The National University of Public Service waited for open secondary school students to attend admission days. The staff of the Disaster Management Institute presented the training palette on both days and presented the most important information about the recordings and university life

26-28. A major EU-MODEX field exercise funded by the EU Commission was carried out in Denmark, where

a Hungarian expert, a member of the NDGDM, had access to the activities of the intervention units established within the framework of the European Union Civil Protection Mechanism.



31. On this day, the chairmen of the advisory boards supporting disaster management work reported on the events of 2017 and the plans for 2018 before the heads of the National Directorate General for Disaster Management.

FEBRUARY

2. Ms. Monique Pariat, Director of the European Union Emergency Management and Humanitarian Affairs shortly visited the National Directorate General for Disaster Management in Budapest, who proposed a new disaster management tool during his interview with the management.

6. The National Directorate General for Disaster Management and the National Directorate-General for Water Management held joint professional training.

7. Seven hundreds of maintenance-free, ten-year-life smoke detectors were donated to the National Directorate General for Disaster Management by the Honeywell Regulatory Technology Ltd.



7. A total of one hundred and thirty fire fighter started their trainings at the four types of law enforcement schools in the country with a new type of common law enforcement training.

13. The Heads of Delegation Forum held his first meeting in 2018. Among other things, the meeting was held about last year's activities on rescue fire protection, the country's disaster risk assessment, on-site inspections of nightclubs, and on network security

16. The NDGDM and the Disaster Management Training Center issued one hundred and twenty-three fresh firefighters. Eleven firefighters took an oath at the same event, who successfully closed the first semester of full-time undergraduate training at the National Institute for Disaster Management at the National University of Public Service.

17-18. As part of its annual training program, the HUNOR Professional Rescue Organization Dog Rescue Unit, with the support of the NDGDM, took part in the training of the IRO (International Rescue Dog Organization) that was held in Salzburg.

19-28. From the third week of February to the end of the month, there was intense snowfall mainly in the Transdanubian regions of the country, as well as in the capital, Pest, Heves and Nógrád counties. Operational units operated at national level and in several counties to manage snow-related interventions. Firefighters have been



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alerted to a number of accidents caused by winter conditions, and fires were reported elsewhere: more intense heating due to hard cold has led to fire several times.

22. The NDGDM held a professional consultation in Szentendre with a focus on flood risk management preparation. The meeting was attended by the heads of defense management of ministries and national bodies, as well as the secretaries and deputy secretaries of the county and capital defense committees.

23. Do Not Burn! awards was transferred at the Central Museum of Disaster Management. The subject of the competition was a fire contest, part of which the schools had to draw or formulate an experienced or imagined event. The 2018 competition received almost a thousand works.

26. The National Fire Prevention Committee held its joint meeting. The Board reviewed the report on the work carried out in 2017 and took the 2018 tasks into account. The goal was unchanged: to reinforce people's safety with effective preventive work.

26. The inter-ministerial working group that reviewed the report on Hungary's national disaster risk assessment methodology and its results held its first session. The report was sent to the European Union three years ago, as well as a summary report on national disaster risk assessment.

26-2. March Thirty-eight members of HUNOR's professional and HUSZAR volunteer rescue organization completed the UN INSARAG research and rescue knowledge on one week of theoretical and practical training.

MARCH

1. Based on the recommendation of the Director General of the National Directorate General for Disaster Management, **dr. Sándor Pintér**, Minister of the Interior, appointed **Colonel Zoltán Szunyog**, Director of Komárom-Esztergom Directorate for Disaster Management on 1st of March.

1-2. Within the framework of the International Firefighters' Association (CTIF), a fire investigation working group was established in the summer of 2017 by Hungarian and Czech experts in Prague. At the meeting, the working group and its professional capabilities were also discussed.

1-2. HUNOR and HUSZÁR practiced the consequences of a strong earthquake in Tolna County. In addition, the KoboToolbox - KoboCollect GIS application was used by the participants, and the program helps locate damage locations during urban search and rescue.



7. At 12 hours and 22 minutes, a 2.4-strong Richter scale magnitude earthquake hit near the village of Vése in Somogy County, at a depth of about four kilometers. No announcement was received by the MTA CSFK GGI Kövesligethy Radios Seismological Observatory or from the Somogy County Disaster Management Operational Control Department regarding the detection of earthquake.

8. Innovations and Solutions for Architectural Fire Protection Joint Conference was held by Disaster Management Education Center at the Disaster Management Scientific Council and the Hungarian Fire Protection Association in Pécs.

12. On the occasion of the national holiday of 15 March, on the proposal of the Minister of the Interior, **dr. János Áder**, President of Hungary, appointed Colonel **dr. Judit Mógor**, Deputy Director General for Authority affairs of the National Directorate General for Disaster Management to fire fighter brigadier general, and Fire fighter Colonel **dr. Ádám Demény**, Director General of the Directorate General for Public Procurement and Supply to fire fighter brigadier general. Documents of the appointment were handed over by the President on 12 March at the Sándor Palace.

12. A National Conference was held by the National Directorate General for Disaster Management of the Ministry of Interior on the current issues of preparation for the prevention of outdoor fires.

13. A commemoration was held in the morning in the Ministry of the Interior, an in early afternoon at the

National Directorate General for Disaster Management in memory of the 1848-49 Revolution and War of Independence

17-19. Hungary had a heavy snowfall from the northeast, winter precipitation in some areas of the country caused heavy snowstorms and snow obstacles, and several millimeters of torrential rain did not lead to slippery roads in one place. The country's professional, municipal and voluntary fire-fighting units were alarmed at hundreds of locations on the third weekend of the month. There were also power cuts in many settlements in several counties, because the wires fell off from the heavy snow and the heavy rain. Operational units were operating at national level and in several counties to manage the interventions, with the Prime Minister, Cabinet Chief, and Minister of the Interior visiting the Directorate-General.



20-21. The NDGDM and the National Tax and Customs Administration held a two-day railway control action.

A total of 2 thousand 281 railway vehicles were inspected by DISASTER 2018 RID I covering six counties, of which 1159 carried dangerous goods covered by RID.

21. About twenty professional federations and associations, leaders of the Chambers and Associates also attended the Spring Authority Round Table organized by the NDGDM. Among other things, the focus of the event was on the safe operation of production, servicing and care systems.

22. Sixteen members of the HUNOR Rescue Organization practiced the strong support set during a one day training.

23. National-level disaster management co-operation, flood prevention preparations were held in Blaskó, Borsod-Abaúj-Zemplén County.



APRIL

1. From this day, the Gyömrő Citizen Guard and Volunteer Firefighter Association will be able to intervene independently for the forty-seventh in the country, and for the sixth in Pest County. The volunteers, together with the neighboring Maglód, are guarding the security of a total of thirty-two thousand people.



6. Another ten domestic manufactured Rába-Heros Aquadux X-4000 syringes were handed over to the Directorate General. At the event, four volunteer firefighting associations received a refurbished syringe.

6. The Austrian delegation, with some members of the organization already gaining some experience of the organization during previous trainings or joint exercises, has been introduced to the Directorate General for Disaster Management in Hungary. The current meeting focused on the duty service system.

10. The Council of Fire Commanders held its first half-year meeting. Among other things, the jury discussed firefighting applications, fire-fighting issues in solar parks, and the topic of complaints and announcements.

11-15. The Construma Construction and Home Creation Expo was represented at the joint stand of the National Directorate General for Disaster Management, the National Fire Prevention Committee and the NDGDM Economic Supply Center.

16. A series of national training sessions have been launched to update and keep up-to-date the technical rescue skills of firefighters related to road accidents. The first mentors were prepared in Szombathely.

18. The Disaster Management Institute of the National University of Public Service, three universities and the National Directorate General for Disaster Management jointly organized the „Fire Firefighter Day 2018” scientific conference in Szentendre.

17-19. The three-day dangerous goods transport control action took place on public roads with the participation of disaster management, the National Tax and Customs Office and the regional and local bodies of the National Police Headquarters. More than 4 200 vehicles were inspected by the authorities during the campaign.

20. The Ministry of the Interior held a joint ceremony on the day of the police and the fire brigade. At the event, **dr. Sándor Pintér**, Minister of the Interior, awarded the Minister of the Year and the Fireman of the Year, in addition to ministerial awards, Badges of Merit, St.

George's Honor and St. Florian's Honors, as well as extraordinary presentations, council and councilor titles, and various memorabilia.

20. A professional meeting was held on the Agricultural Water Use Information and Control Framework within the framework of the Public Administration and Public Service Development Operational Program at the National Directorate General for Disaster Management of the Ministry of Health.

21. For the eighth time, a joint mayor was held by firefighters and police in the City Park.



23. One month and a half earlier in the last week of April, the national mosquito beating program ran until the end of August. Professionals intervened on a total of 729,000 hectares, including 977 settlements in chemical or biological mosquitoes, both on air and on land.

23. The Fire Management Advisory Board met at the Capital Directorate. Among other things, the meeting focused on the activities of the Hungarian Firefighters Association, on the equipment procured by the civil defense area and on the activities of the Firefighters' Association of Public Benefits.

23-24. With the participation of more than a thousand students and trainers, including the Institute for Disaster Management, a two-day joint public service exercise was organized at the National University of Public Service, entitled Integrated Defense 2018.

24. Tools and equipment was acquired for theoretical and practical training of firefighters from own budget at the NDGDM, and the county directors were able to use the simulation tools useful for the exercises on this day. The total value of the investment exceeded thirty million forints.

26. Disaster management in the section between the M43 motorway between Szeged and Makó was a common practice with the associates. It is assumed that there is a bus, a tanker and more cars crashed. The intervention units rescued and saw thirty injured in forty minutes.

26. For the seventh time a training was held for disaster management professionals in the transport of dangerous goods by rail in the Disaster Management Training Center in Pécel. At the end of the four-day course, twenty-seven students passed the exam on that day.

MAY

1. From this day, the Hegykő Volunteer Firefighter Association can intervene independently. The fifth autonomous association of Győr-Moson-Sopron County in Hegykő, Fertőszéplak and Fertőhomok, which is more than sixty-one square kilometers in area.

2. Festive gatherings with wreath laying were held on the occasion of St. Florian's Day in the National Directorate General for Disaster Management. The event was attended by several employees of disaster management and representatives of several organizations working with the board.

7. More than three hundred and twenty employees of the disaster management chose their graduation exams. At the end of June, over three hundred nationwide certificates of successful maturation were accepted.



7-9. The HUSZÁR Rescue Organization took part in three days of theoretical and practical preparation in Austria. The team of volunteers carrying out specific research and rescue tasks arrived in the city of Tritolwerk in Austria for forty members to implement their annual practice in accordance with the UN INSARAG guidelines.

9. In Hungary, the National Disaster Management Directorate of the Ministry of National Economy held the next fire inspector training in Balatonföldvár.

9-12. The 101st Session of the International Firefighters' Youth Firefighters Committee and the 14th Symposium of the CTIF Youth Firefighters were held in Budapest.

10. From this day, the responsibilities and powers of the NDGDM have been expanded - Directive (EU) 2016/1148 of the European Parliament and of the Council of 6 July 2016 on measures to ensure a uniformly high level of security of network and information systems throughout the Union (NIS Directive) By transposing into the domestic legal system, the NDGDM performs the official and event handling tasks related to the providers of basic and notifiable services.

10. With the participation of five teams, Tolna County Disaster Management Directorate organized the 105 Fire Brigades Marathon for the first time: the starters had to complete 105 laps on the Szekszárd sports field.

13. At 01:50 a.m. there was a minor earthquake of 2.3, near Márianóstra, Pest County, at an eight-kilometer depth. Land movement was not perceived by the population.



14-16. The graduates and trainers of the Institute for Disaster Management of the National University of Public



Service were trained by the Deputy Directorate General for Authority Affairs of the NDGDM.

15-18. The Industry Days exhibition was held at the Hungexpo Budapest Fair Center, where the industry was represented by the industrial safety and chimney sweep industry.

16. The 1st State Career Expo was organized at the Hungarian Railway Historical Park in Budapest. The National Directorate for Disaster Management of the Ministry of the Interior also represented the state enterprises and the organizations of the Ministry of the Interior at the job fair.

14-17. Operational disaster management tasks could be carried out by First and Second Year students of the Disaster Management Institute of the National University of Public Service at the Directorate-General for Disas-

ter Management. Participants in four-day training have acquired comprehensive knowledge of the functioning of the organization and have received professional and practical training.

22. In a three-month period, the staff of the Budapest and County Disaster Mobile Laboratories took part in a one-day training session on a seven-day basis to be able to use previously acquired water analytical and water sampling kits. On the twenty-second of May, the crew of the mobile lab of Komárom-Esztergom, Fejér and Győr-Ménfőcsanak County Directorate took part in the training.

23-24. The National Fire Service Inspectorate held preparations for the representatives of voluntary fire-fighting associations, facility and municipal fire brigades.

23-26. the Association of European Firefighter Officers' Organizations held its first meeting in Rome's in 2018. The National Fire Service Inspectorate represented the NDGDM at the meeting.

25. Thomas P. Bostick PhD, US Army Deputy Chief of Defense visited the Disaster Management Institute of the National University of Public Service.

25. The prizes of the 2018 creative competition announced by the National Fire Prevention Committee were handed over in the Metropolitan Circus. The contest received more than five thousand works.

27. On the occasion of the International Children's Day, the gates were opened: children and their parents received almost four hundred firefighters from the country



on this day to familiarize the families with the daily life of firefighters.

28-30. The 2nd national ADR professional competition was held in the warehouse of Kishomok. The awards were handed over on 4-5 June in Balatonföldvár. The Nógrád County pair proved to be the best among the roadside road transport experts.

29. On this day, the National Directorate-General for Disaster Management approved the proposals for support, so in 2018 almost six hundred associations received support from the central budget for seven hundred million forints for voluntary fire-fighting associations. In mid-June the decision was made to support voluntary rescue organizations, and at the end of June, the head of the NDGDM also approved the result of the application that led to fifty-nine municipal fire brigades for protection and fire-fighting and other equipment and renovations.

In the first week of December, the county directorates began to hand over the equipment to the organizations concerned.

30. BM Heros Ltd held a professional forum with the participation of representatives of the Hungarian Defense Forces and the Hungarian Firefighters Association on the topic of the domestic production of syringes. Participants could gain insight into the development and assembly process of domestic-made vehicle syringes.

JUNE

1. From 1 June, the area of supply for the disaster management chimney sweep operational area was expanded with four South Great Plain settlements, Bácsalmás, Kéleshal, Rém and Tompa in Bács-Kiskun County.

5-7. CTIF (International Federation of Firefighters and Rescue Organizations) Fire Investigation Group which was established in the summer of 2017, held its second meeting.

7. In line with the objectives of the Spring Authority Roundtable, a series of interactive workshops were launched in the Directorate General with the intention of creating a tradition - the first event was the Railway Safety Thematic Workshop.

8. The 11th Fire Inspection Site training has been completed at the Dunakeszi Educational Center of the National Police Headquarters. Seventeen fire inspector took part

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in the two-week training, so the number of site surveyors capable of conducting on-site inspections increased to two hundred and twenty-four.

8. The eighteen-year-ago founded Prizes of the Memorial Contest bearing dr. Imre Balogh's name, great advocate of fire protection was handed over. In 2018, two of the applications were also recognized by the jury. One dealt with the use of a height rescue, and the other was the commanding of a disaster management mobile emergency laboratory.

11-12. A seventeen-member Slovenian delegation stayed in Budapest. The delegation of the Heads of the Ljubljana Fire Department, the Fire Department Commanders, and the heads of regional bodies became familiar with the Hungarian disaster management, and primarily with the main duty service and operational management system.



11-13. Their next meeting of the disaster management leaders of the Visegrad Four countries was held in Hungary. The meeting that was held in Balatonföldvár focused on preventive action with official tools, a Japanese expert was present as a guest besides Hungary, Poland, the Czech Republic and Slovakia.

12-13. A small-field football tournament was organized on the BKV Forward sports ground in Budapest. The tournament is part of the NDGDM national scoring championship. The two-day hard fight ended with the victory and title defeat of the team of Szabolcs County.

14. Assessment of Hungary's disaster risk management capabilities was prepared: Hungary should mostly continue to be prepared for water damage and extreme weather.

17-22. Participants in the training course in Innsbruck were introduced to the disaster management system in each EU country. Major **László Barta-Vámos** from the Hungarian Disaster Management took part in the introductory course to study the civil protection mechanism of the Union.

18-20. The 14th Count Széchenyi Ödön National Fire-fighter Sport Competition was held in the capital. During the three-day event, the country's professional firefighters measured their strength and skill in hooklifting, a hundred-meter obstacle run, four-hundred-meter shift and a small-gun sweep assembly. The complex team competition was won by the fire fighters of Győr-Ménfőcsanak, and in the individual complex Chief Warrant Officer **Gergő Kupás**, the Hajdú-Bihar County Disaster Management Director achieved the best results.

19. The disaster management syringe manufacturing project was completed: in the third week of June, eight new Hungarian-made Rába fire engines were taken over by firefighters. Since the re-launch of the domestic fire engine production, since 2014, a total of one hundred and eight fire engines have been built in the BM Heros Ltd. One piece of the last series was handed over on 19 June in Pécs, and during the week seven vehicles financed by the EU program were put in service, completing one of the biggest development projects in disaster management.



20. The logistical preparations for the UN INSARAG capabilities for the maintenance have been carried out by a designated staff of the HUNOR rescue organization. During the one-day training, among many tasks they had to build a base of operations capable of dealing with complex tasks.

21. A national fire prevention conference was organized in Keszthely with the title of „Prevention of damage related to agricultural harvesting work”. The experts reviewed the main aspects of the fire protection and the possibilities of their prevention from many aspects at the event.

21. Professional issues closely related to the content of the country's assessment of disaster risk management capabilities were also discussed with the National Presidency of the Hungarian Civil Protection Association, together with the National Presidency of the Hungarian Civil Protection Forces, in a series of meetings held by the National Technical Operational Unit.

23. On the occasion of the International Danube Day – together with its partner organizations – disaster management held an event presenting the ecological values of the Danube in the Capital Animal and Plant Garden. A lot of programs were awaited by the player from the test of knowledge to the spectacle of the pelicans' feeding.

27. 110 students graduated from the National Institute of Disaster Management at the National University of Public Service. In addition to the documents proving the knowledge, the Jenő Roncsik prizes for an excellent study and community work were also handed over.

30. 218 graduate student of the Faculty of Law Enforcement of the National University of Public Service made an oath in the Buda Castle. 24 of the graduates of the faculty started their service as NDGDM Officer.

JULY

1. From this day on, along with the Kunsziget, six voluntary fire-fighting associations can intervene independently in Győr-Moson-Sopron County. The Celebration of the Volunteer Firefighter Association of Kunsziget was held on 8th June.

4. The fire department of Körmend embracing the disaster management office and the professional firefighting department was handed over. The fire department was renewed internally and mechanically from the source of the Ministry of Interior.

6-8. Tata organized the 9th National Youth and 8th National Traditional Fire Fighting Competition.

12-13. Members of the HUNOR professional rescue organization rifle rescue unit were trained, at the largest rope technology instructor center in Miskolc, Hungary.

13. One hundred and twenty students of the Disaster Management Training Center graduated. The Firefighter 2 Assistants in vocational training started their professional service after five months of training.

AUGUST

1. From the first day of the month, the Héhalom Volunteer Firefighter Association in Nógrád County is entitled to an independent intervention. The launching ceremony

was held on August 4th. Rescue and fire protection tasks can be carried out in the administrative areas of Héhalom, Hellom, Palotás, Buják, Kisbágy, Egyházásdengeleg, Erdőtarcsa and Szarvasgede. On October 29, the association took over a Mercedes Rosenbauer 1124 TLF 2000 firefighter from the Directorate General.

4-5. On the first weekend of August, the Fire Rooster National Firefighter Beach Football Championship took place in Paks. In 2018, the challenge cup was taken home by the fire fighters in Pécs.

16. On the occasion of our state celebration, on August 20, **Károly Konrád**, Deputy Minister of State in the Ministry of the Interior, handed over acknowledgments. On the same day, a ceremony was held at the National Directorate General for Disaster Management of the Ministry of Interior.

24-25. With the participation of 169 athletes from seven countries, the Toughest Firefighter Alive (TFA) competition was held in Bükkfürdő, Vas County.



27-29. The 2nd National RID Dangerous Goods Delivery Competition was held on the Záhony railway transshipment sites. The results of the national competition for disaster management professionals controlling the transport of dangerous goods were announced on 14 September: besides the challenge cup, the hosts, the Szabolcs-Szatmár-Bereg County experts, also took home. Nógrád was second and the Győr-Moson-Sopron county team the third.

27-31. The three instructors of the National Institute for Disaster Management at the National University of Public Service participated in the in-service training at the ERASMUS+ program at the Rijeka Headquarters in Croatia.



Company launched their joint campaign with a conference titled “Don’t Light Up! Collect! ”. The purpose of the professionals is to encourage people to collect them instead of burning all kinds of waste.

SEPTEMBER

3-6. Fourteen experts from Germany, Romania, Jordan, the UAE, the Czech Republic and Poland examined how well the Kobo Toolbox program can be applied during an operation during a four-day training session Dombóvár.

12. Bács-Kiskun County’s third disaster management post, funded by European Union projects was handed over. Since September 1, professional firefighters serving in Kiskunmajsa have been guarding the security of the population of almost twenty thousand people of Kiskunmajsa, Csólyospálos, Harkakötöny, Jászszenlász-ló, Kömpöc, Móricgát and Szank.

12. The disaster management and the National Waste Management Coordinator and Property Management

12-13. The 2nd National Disaster Management Radiation Detection Unit Contest was held in the former Castle of Törley in Budafok, at the site of the Department of Radiology and Radiological Health of the Public Health Directorate of the National Institute of Public Health. The best Disaster Management unit in the survey was the Zala County team, and Szabolcs-Szatmár-Bereg County colleagues were at the bottom of the imaginary podium.

13. The Director General of the National Directorate General for Disaster Management handed over the sixth disaster management post in Tolcsva, Borsod-Abaúj-Zemplén County. The unit provides help for a total of 8 600 inhabitants in case of trouble in Baskó, Bodrogolaszi, Erdőbénye, Erdőhorváti, Triphuta, Herceghút,

Chronicle 2018

Komlóska, Olaszliszka, Sárazsadány, Sima, Szegilong, Tolcsva and Vámosújfalú.

17-20. For the eighth time, training was held for disaster management professionals in the disaster management training center in Pécel, for the transport of dangerous goods by rail. At the end of the four-day course, twenty-four students passed the exam.

17-22. Disaster management joined the Security Week series in 2018 as well. The organization was set up in twenty-five locations in the country with tents, demonstrations and awareness-raising materials from the Fire Prevention Committee.

18-23. In the 24th IRO Rescue Dog World Championship in Ljubljana, a second and a fourth place were won by dogs and their leaders representing Hungary.

22. The National Stairway Championship was held for the eighteenth time. The traditional competition was held in Semmelweis University's Nagyvárad Square Theoretical Block.

24. The Fire Protection Advisory Board held its session at the General Directorate for Water Management.

25. The Civil Protection Advisory Board held its current meeting at the National Institute for Disaster Management of the National University of Public Service.

25-27. The three-day long dangerous goods delivery control action took place on the country's roads. During the DISASTER 2018 ADR 2 period, 3 thousand 976 road



vehicles were inspected, 912 of them were carrying dangerous goods covered by ADR regulation. The inspectors detected a total of 79 irregularities in 42 road vehicles.

25-29. Budapest hosted EuroSkills 2018 competition. In the European Championship of Young Professionals, 600 competitors from 28 countries measured their knowledge in 37 professions. Disaster management appeared at the meeting by presenting the organization's educational institution.

26-28. The 4th National Fire Inspection Competition was organized in the former military base of Pusztaszemes in Somogy County. The traveller cup came to Budapest, and after the capital's team, the second best result came from the Bács-Kiskun County colleagues, and third place was won by the fire inspectors of Veszprém County.

27. The Forum of Heads of Delegation held its autumn meeting. The meeting included, among other things, the

experience of firefighters' e-learning examinations, the fire prevention tasks of the last quarter of this year, and the competition of professionals controlling road and rail transport of dangerous goods.

27-28. The forty-first meeting of the EU civil protection directors general was held in Vienna. Hungary was represented by the Deputy Director General of the National Directorate General for Disaster Management, the Head of Office and the Head of the International Department at the meeting.

OCTOBER

2. The Disaster Management Education Center celebrated its seventy years of existence. On that occasion the educational institution organized an international conference titled as Future and present of the fire fighter training.



2-3. For the first time, NDGDM organized the National Firefighter Technical-Rescue Competition for professional firefighters. The teams demonstrated how they were prepared for technical rescue tasks to be carried out in traffic accidents during the competition held in Tata. The best was Komárom-Esztergom County, which overtook colleagues from the capital and Vas County.

4. The Technical Committee for Fire Protection held its annual ordinary meeting at the Directorate-General.

7-12. Disaster management field exercises called SRBIJA 2018 was conducted in Serbia with thirty-five Allied countries. In the training organized by NATO's Euro-Atlantic Disaster Response Coordination Center and the Ministry of the Interior of the neighboring country, HUNOR's professional ambulance organization had forty-two members and two rescue dogs. On the three days of operation, the Hungarian team rescued more than a dozen injured, explored more than ten dead that were raised.

8-19. A two week long fire inspector basic training was held in the Disaster Management Education Center. Twenty-eight people from the county directorates took part in the preparation. Colleagues will perform such tasks later.

10. The Disaster Management and the Hungarian Red Cross continued to hold a joint blood donation organized on the occasion of the World Day for Disaster Reduction in 2018. Almost a thousand of the members of this organization were able to help with their blood this year.

11. The NDGDM held a conference titled as Critical Infrastructure Security Challenges and Possible Responses.

The event was attended by representatives of critical system and facility operators, digital service providers, information security authorities, and partner organizations.

11. The Human Service Advisory Board held its last annual meeting at the Directorate General.

15-19. The third module of the training of fire inspectors was held at the Miskolc Secondary School of Law Enforcement, where fifteen colleagues expanded their professional skills. The one-week training focused on improving the communication skills of professionals.

18. In commemoration of our national holiday, 23 October, 1956 revolution, a commemoration was held at the Ministry of the Interior and the National Directorate General for Disaster Management. At the two events the worthy were honored with acknowledgements from the President, the Minister of Interior, and Director General.



18. The NDGDM, Borsod-Abaúj-Zemplén County Disaster Management Directorate and the MÁV Group held their joint disaster management cooperation exercise in the area of railway vehicle demolition in Sátoraljaújhely.

23. The experiences of the EVAPREM project supported by the European Directorate-General for Civil Protection and Humanitarian Aid (DG ECHO) were presented in Brussels by the participating States and organizations.

24. The NDGDM organized a meeting for organizations involved in dealing with the consequences of extreme winter weather. In addition to the disaster management, the Police, the Hungarian Defense Forces, the National Meteorological Service, the Hungarian Public Road Non-profit Ltd., representatives of charity organizations and affected stakeholders participated along with the third year students of the National University of Public Service, in total one hundred and seventy people.

30. On this day, the Directorate General and its co-organizations jointly prepared the chairmen of the local defense committees to protect against water damage. The event was hosted by the Water Science Faculty of the National University of Public Service.

NOVEMBER

1. The fifth volunteer association of Szabolcs-Szatmár-Bereg County started the independent intervention: the Nagyecsed Volunteer Firefighter Association can then perform fire-fighting and technical rescue tasks

independently in the area of Nagyecsed, Mérk, Vállaj, Fábiánháza and Tiborszállás without the assistance of professional firefighters, further increasing the safety of approximately thirteen thousand people.

5. Professional Day was held at the National Directorate General for Disaster Management for Municipal Fire Brigades and Volunteer Firefighters Commanders: participants were provided with detailed information on electric and hybrid vehicles.

6. The Sásd disaster management post was handed over, built from EU sources in Baranya County. The firefighters serving there serve the security of nearly twelve thousand inhabitants in thirty settlements.

8. The next meeting of the Hungarian-Serbian Directors General for Disaster Management was held in Subotica, Serbia. The professional leaders of both countries reported on the changes at the meeting, that had taken place since the last meeting, and the plans were also discussed.

8. The director and one officer from the NDGDM Central Duty Service Department visited NATO's Euro-Atlantic Disaster Response Coordination Center (NATO EADRCC) and the European Union Emergency Response Coordination Center (EU ERCC).

12-15. The autumn training course of the Disaster Management Education Center continued in Pécel with the training of specialists in the control of the inland waterway transport of dangerous goods. At the end of the four-day course, fifteen students passed the exam.

13-14. DISASTER 2018 RID 2 called two-day rail (RID) inspection series were conducted, with the participation of professionals from the disaster management and the National Tax and Customs Administration. In the course of two days, the experts surveyed a total of 2,073 railway vehicles, of which 988 carried dangerous goods covered by the RID. One or more irregularities were detected in nineteen railway wagons.

14. The third disaster management post of Zala County was inaugurated in Letenye. In the 28 settlements covered by the forty-sixth of the country, 16,250 people can feel more secure.

14. The search and rescue of passengers of a distressed aircraft was practiced by the disaster management, police, the army and the ambulance service in Békés County: it was assumed that fifty-seven people were crashed on board an ATR 72 aircraft between Gyula and Békéscsaba.



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15. The Joint Representatives' Day and the associated House Expo 2018 were held for the ninth time in Budapest. The event was the closing record of a multi-day action series, with disaster management offices open for 6 to 8 days in front of anyone interested in answering questions about fire protection in condominiums.

15. As part of the series of events organized on the occasion of the Hungarian Science Celebration, the Institute for Disaster Management of the National University of Public Service hosted an international conference on industrial safety called Hazardous activities' safety at the National Directorate General for Disaster Management.

19. The Fire Advisory Board held its last meeting in 2018. The Board heard a briefing on the activities of the National Fire Prevention Committee, dealt with the new methods of aerial firefighting and the new training system for firefighters.

21. The Council of Fire Commanders held a meeting. Presentations on the College's agenda focused on current issues affecting the intervention staff, which could immediately be answered by representatives of the fire brigades

21. Towards the end of the year, the Civil Protection Advisory Board, in addition to discussing professional issues, also evaluated its activity in 2018, which was held at the headquarters of the Hungarian Civil Defense Association.

21-22. The first national professional duty service competition was held In Somogy County, where nineteen counties and captains of the capital measured their knowledge against each other. The individual rally of the Heads of

Operations and Operators was also won by Major **Tamás Szüts** and Warrant Officer **Róbert Béri** from Győr-Moson-Sopron County. Győr-Moson-Sopron County also won the team competition.

21. A three-member Slovak professional delegation visited the National Directorate General for Disaster Management. Experts from the neighboring country came to Hungary for the nineteenth meeting of the Hungarian-Slovak Directors General Bilateral Meeting.

22. The Deputy Directorate General of the Directorate General for Disaster Management organized a professional workshop for stakeholders of the Critical Infrastructure Regulators.

26-28. The UN INSARAG classified heavy search and rescue national team HUNOR held a three-day training course for the rope-rescue unit.

28. The Central Museum of Disaster Management published a drawing and literary competition for the twelfth time for primary school students titled as Do not burn!. The museum waited until 25 January 2019 for the works.

29. In Budapest, on the Western square, a fire-resistant container was brought to light by the burning of a flat - equipped container calling for the dangers of the Christmas, Advent period, and the ease with which a fire could develop.

29. The 19th Hungarian-Slovenian Directors General meeting was held in Vonyarcvashegy, Zala County. The National Directorate General for Disaster Management and the delegations of the Slovenian Civil Protection

and Disaster Management Directorate spoke about the changes that have taken place since the previous meeting and the current issues.

29., 30. The European Directorate General for Civil Protection and Humanitarian Aid (DG ECHO) organized two consultations by the end of November: early warning systems (EWS) were on 29th and the experiences of forest fires on the 30th. Thirty-one delegates from thirteen countries attended the first event, and thirty-eight experts from twenty-three countries attended the latter one.

30. The 4th National Fire Prevention Contest was held in Balatonföldvár. The traveller cup of the country's best team was taken over by Somogy County team. Lieutenant **Tamás Csomor** from Baranya County was the best in individual category.

DECEMBER

4. The 3rd Memorial Conference was organized by the NDGDM: at the 2018 event participants remembered military engineer Károly Kőszeghy-Mártony, the inventor of compressed air breathing apparatus, which was a predecessor of the present day breathing apparatus.

6-7. The Hungarian-Croatian Permanent Joint Committee on Disaster Management held its fifteenth session in Zagreb. At the meeting, the partners, among other things, informed each other about major changes in their organization since the previous session, but also about the jointly planned programs.

14. The Central Orchestra of Disaster Management celebrated its eightieth anniversary with a grand concert at the Danube Palace.

14-15. On Friday afternoon, snowfall arrived to a significant part of the country. Many accidents have occurred due to changed road conditions. The firefighters were alerted dozens of times from the afternoon of December 14th due to a traffic accident. Most of the time, they had to go to the crashed vehicles that drove off the road and slid into the ditch.



20. More than three billion HUF worth of vehicles were transferred to the National Directorate General for Disaster Management of the Ministry of Interior. The total of eighty-three different-purpose cars were delivered to all counties in the country and to the Economic Supply Center as well.

Deputy Directorate General Organization

The Deputy Directorate General focused on planning, preparing for the various events and implementing them in 2018 as well.

Throughout the year, volunteers' engagement was further enhanced by the preparation and the different practices. The members of the associations and rescue organizations were present many times on the scene of various damage events and, thanks to their preparedness, effectively helped the work of the professional staff. In 2018, five volunteer associations were authorized to act independently.

In the framework of the disaster management post program, four new posts began their operation. Several new Rába-Heros Aquadux X 4000 vehicles and special fire engines were handed over among the professional fire departments.


Firefighters demonstrated their theoretical and practical skills and endurance in the 14th Count Ödön Széchenyi National Firefighter Sports Tournament, the first National Technical-Rescue Competition and the 4th Fire Inspectors Competition. For the first time, the staff serving in the main and operations management duty service measured their knowledge against each other in a national competition, where remarkable results were achieved.

The fire service also held several large-scale exercises in 2018: a distressed aircraft search and rescue co-operation exercise in Békéscsaba, disaster consequence management co-operation exercise related to railway damage incidents in Sátoraljaújhely, and a firefighting and technical rescue exercise with co-organs at the M43 motorway was carried out.



The staff of fire departments participated over ten thousand different types of training during the year.

A disaster management field exercises called SRBIJA 2018 was conducted in Serbia with thirty-five Allied countries. In the training organized by NATO's Euro-Atlantic Disaster Response Coordination Center and the Ministry of the Interior of the neighboring country, HUNOR's professional ambulance organization had forty-two members and two rescue dogs. The team's preparedness and position was far from the other teams, which was revealed by international feedback.


Krisztián Erdélyi
Fire Fighter Brigadier General
Deputy Director General

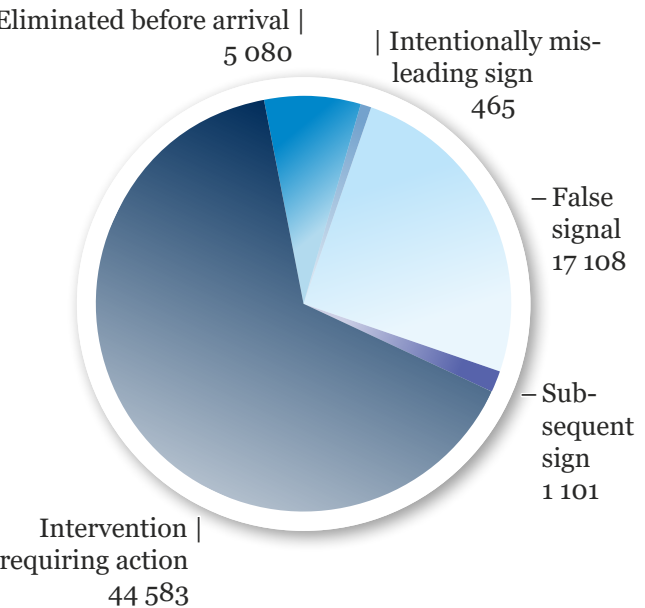
The most important objective of the **fire service** of disaster management has been unchanged for years: to strengthen the voluntary fire brigades and to increase the number of independent interventions. This endeavor was also successful in 2018, as more than fourteen more than 616 volunteer firefighting associations signed a co-operation agreement with a professional fire brigade. Five new associations have acquired the right to act independently, so half a hundred teams have the opportunity to intervene without the supervision of professional forces. In the course of the year, four associations received a total of 43 million HUF refurbished fire syringes for professional fire brigades. Four brand new posts started operating from the EU funds in 2018 under the disaster management post program, currently forty-six such units provide rescue fire-fighting tasks.

Two national competitions were organized in 2018, the 14th Count Ödön Széchenyi National Fire Fighting Sports



Distribution of events in 2018 according to the nature of the intervention	Fire case	Technical rescue
Intervention requiring action	15 330	29 253
Eliminated before arrival	2 934	2 146
Intentionally misleading sign	403	62
False sign	12 776	4 332
Subsequent sign	1 091	10
In total	32 534	35 803

Intervention data of 2018



Deputy Directorate General Organization

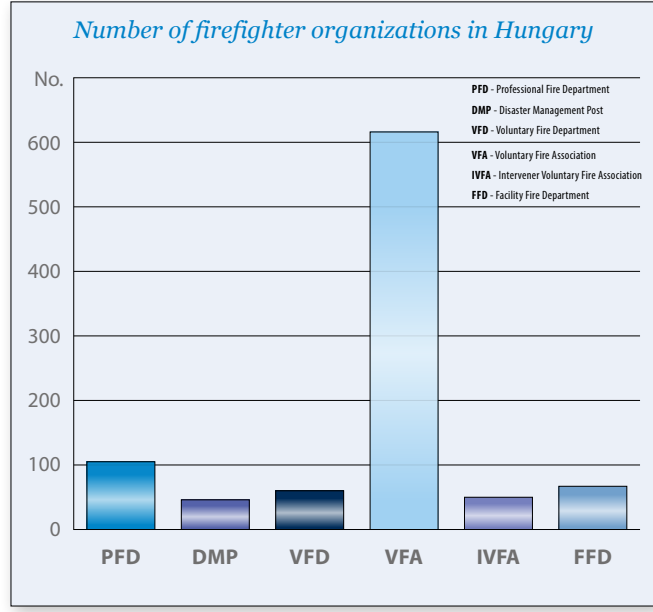
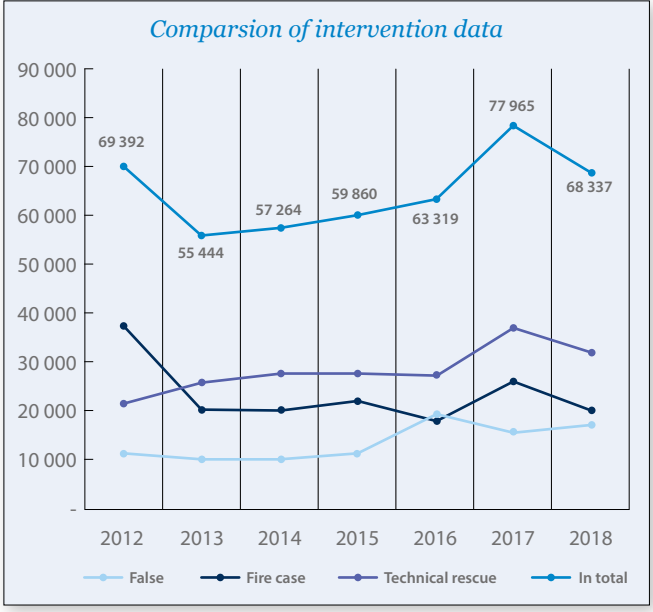
Competition was held in in June in Budapest. In October the 1st National Technical and Rescue Competition was held in Tata. All of the counties attended the events, with a total of three hundred and twenty colleagues demonstrating their knowledge and skill.

In the past year, the training system of professional firefighters was further modernized. The daily training of the stand-by fire brigade is also supported by an e-learning application. As part of this, firefighters can deepen, record new and refreshed knowledge through the knowledge and knowledge development tests that follow the training cycles, and have completed half-yearly surveys on the same interface.

Under the program for selective waste collection, fire prevention and environmental protection, disaster management bought thousands of smoke detectors, and distributed the equipment among families in need with the assistance of charity organizations.

Disaster management fire brigades visited a number of international professional conferences, where they gathered much usable experience, including forest fire protection, forest firefighting, GIS applications to assist in the assessment of damage scenes, the management of mass burns, the impact of fires on the health of firefighters, and fire prevention, the effectiveness of public information and the use and development of early warning systems.

The Fire Inspection Working Group of the International Firefighting Association (CTIF) held a professional forum in Balatonföldvár, with the participation of Czech, Bel-



As part of a series of conferences presenting the work of the great predecessors, Károly Kőszeghi-Mártony, the inventor of compressed air breathing apparatus was commemorated in 2018.

gian, Dutch and Danish fire inspectors. Subsequently, two Belgian fire inspectors participated in a four-day practice at the Capital Disaster Management Directorate, got acquainted with the Hungarian procedure, the experiences of the more interesting events, and they were able to see the Hungarian methods of fire inspection.

The National Fire Prevention Committee created awareness-raising posters, flyers and films to promote – among others – smoke detectors and prevent kitchen fires. The campaign that was launched in previous years to prevent fires and carbon monoxide poisoning continued. The creative contest “Bounced on fire” was completed with great success and a total of 5 216 works were received.

In order to make prevention and event management more effective, the **civil protection** area reviewed the risk classification of settlements. Nineteen settlements have been classified according to the experience of the previous year, the assessment of natural and civilization environmental changes.

The capital, county and local defense committees held their regular meetings. Disaster management has provided in-service training for the presidents of the local defense committees on protection against water damage. Under the direction of the National Emergency Management Center, there was a national management practice to prepare for flood events and extreme winter weather situations.

Deputy Directorate General Organization

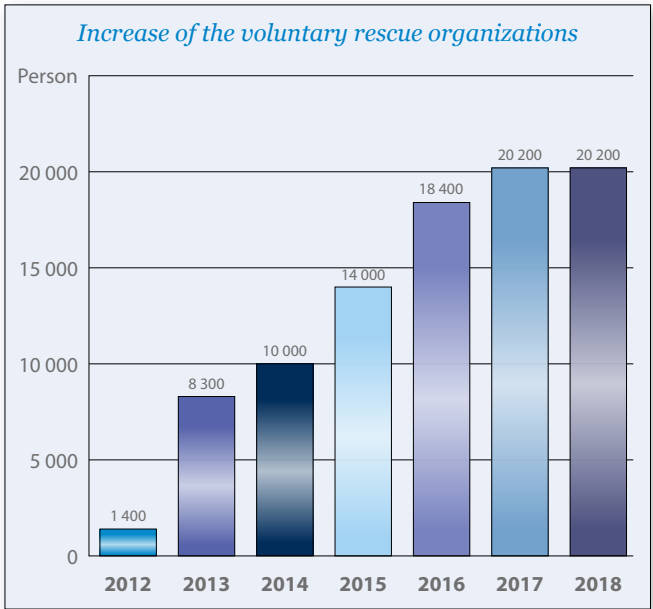
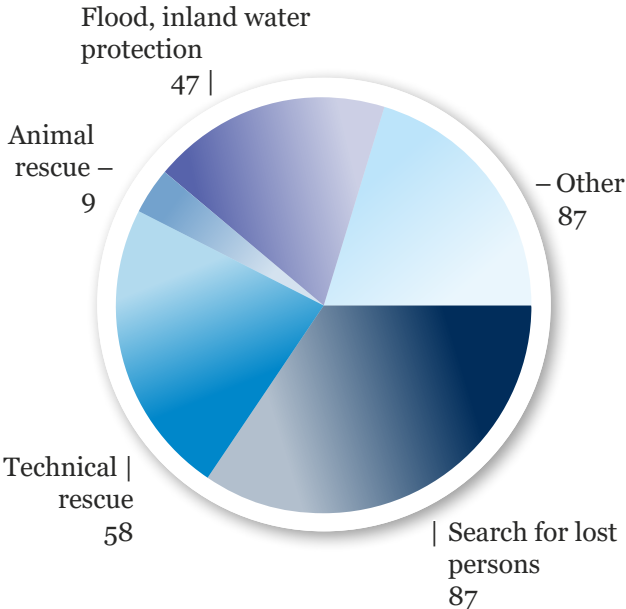
The Hungarian disaster management also carried out the tasks arising from EU and NATO membership in 2018 as well. On the basis of the EU regulation, the first assessment of national disaster risk management capabilities was prepared, and Hungarian experts also reviewed the national disaster risk assessment and the documents were sent to the European Commission. Bilateral meetings were held with representatives of various NATO headquarters to discuss the seven basic requirements for civilian preparedness. The Hungarian specialty commented on the continuity of government operations, the ideas of the Alliance on the mass change of population, and on the basis of the decision of the Inter-Governmental Committee, the organization of the national mass rescue exercise started.

The HUNOR Rescue Organization participated in NATO's international exercise in Serbia, in which it also



had coordinating tasks: it organized the passage and exit of rescue teams of four countries through Hungary. The HUSZÁR Rescue Organization proved its skills in an urban search and rescue exercise in Austria. In spring, with the participation of voluntary rescue organizations, two hundred people were involved in the value-creating exercise to prepare for protection against water damage in Baskó, Borsod-Abaúj-Zemplén County. As part of the winter preparation, a joint technical rescue exercise with volunteers took place on the M3 highway in October. Over eighty voluntary rescue organizations held national reclassification exercise, with a total of almost two

Rescue organizations deployed in 2018 in total



thousand participants involved. In the past year, rescue organizations were used in over two hundred and fifty cases. Ninety-eight volunteer teams won development support through tenders, in total more than eighty-one million forints. The number of exercises held by the profession was close to one hundred and fifty, more than fifty-one in civil protection training, while the community service and disaster youth competition contributed to the preparation of approximately twenty thousand students nationwide.

Last year the emphasis was on improving the response capability of the operation service controllers: the alert data sheets were evaluated by colleagues in less than 70

seconds, while 109 seconds were needed two years earlier. The field developed an e-learning training system that is mandatory from 2019 onwards. Communication training was provided for the entire duty service staff, paying attention to emergency communications with citizens and associates. In 2018, more than one hundred and thirty colleagues were enrolled in ten courses. In order to improve the on-the-spot knowledge of the duty service staff, each duty officer visited a professional fire brigade every six months. This gives the county the opportunity to get to know professionally-oriented facilities and build personal relationships. At the end of November, there was the 1st Duty Service Professional Competition, where county experts measured their skills in teams and as individuals. During the year, disaster management operations effectively managed to eliminate complex damages. Five new disaster management operation services were put in service, improving the effectiveness of interventions and fire inspections.



Deputy Directorate General for Authority Affairs

In 2018, the authority and industrial safety area of the disaster management ensured the protection of human life and property by carrying out prevention and risk reduction tasks. It also supported the continuity of basic services, and the investments of national economy.

During the year, the emphasis was on preventive action by the authorities, the ability to react to extraordinary events, and the use of resources and conscious preparation methodology were strengthened.

The organization was prepared for the changes that occurred with the entry into force of the General Administrative Order Act, so the continuity of authority matters were assured.

In March, the Deputy Directorate General for Authority Affairs held the second Spring Authority Roundtable with the senior managers of more than twenty professional organizations having cooperation agreements. It also organized several thematic workshops during the year.

The specialty participated in the implementation of the European Union Critical Infrastructure Protection Directive, Seveso 3 and the UNECE Industrial Accident Convention. It also participated in two major international exercises. In the framework of the UNECE Industrial Accident Convention and the Convention on Floods, Hungary has been conducting international industrial accident and water quality protection exercises at the site of a Danube hazardous plant. In the common exercises of the European Union and NATO, an IT incident and its consequences for critical infrastructure were effectively dealt with by the industry.



Building on the results of the electronic developments started in previous years, one of the key tasks of the year was to apply the achievements of e-administration. The EU project has succeeded in replacing the IT tools of the official staff, which has made the contacts with the clients faster and more efficient, ensures immediate action on the external sites, the effective conduct of the licensing procedures and strengthened the customer-oriented, service-oriented administrative character.

Dr. Judit Mógor
Fire Fighter Colonel
Deputy Director General
for Authority Affairs

In 2018, a total of 59 991 fire safety inspections and surveys were conducted by the **fire prevention area** nationally, and 55,000 were subjected to 40 official and professional procedures.

Prevention is at the heart of the balanced, conscious, official work of disaster management, so prior to the start of each series of inspections, professionals were given a new method of fire safety consultation. Thanks to the continuous and consistent presence of the authorities, the willingness of the stakeholders to comply with the law has been further strengthened, and now it can be said that the audited organizations are trying to comply with the rules. In order to strengthen the safety of institutions dealing with children, the primary task was to improve the fire safety situation of primary schools. In addition, the specialty has examined the fire protection situation of shopping centers as well as



the enforcement of fire protection regulations related to summer harvesting.

Thanks to the National Fire Protection Regulations in force since 2015, the design of architecturally complex buildings has become easier for investors, the freedom

of designers also widened, and the planning became easier and more cost-effective. More and more heat and smoke spreading and evacuation simulation procedures supporting engineering methods are being carried out; In order to further improve fire safety, the field has prepared the fine tuning of the regulation.

In the past year, the **water management and water protection area** covered a total of 27 475 official and administrative procedures at national level, and contributed to some 4 500 rolling development plans. In the course of the procedures, the realization of the investments, which were highlighted from the point of view of the national economy, was supported by specialists with almost three hundred water licensing procedures, and the regular consultations with the designers and contractors have helped to improve the efficiency.



Planned and regular water management supervision and related water quality control monitoring contributed to safe and professional operation, the widespread use of law-abiding behavior and the number of deficiencies detected during inspections are decreasing. The legislative amendment has simplified the water authority control of water use for irrigation. A total of 3 185 on-the-spot visits and inspections were carried out and the necessary measures were taken. In order to implement the EU directive on the protection of waters against pollution caused by nitrates from agricultural sources, 302 farmers were inspected in 363 holdings to ensure that farmers were able to obtain tender funds.

Joint work with professional organizations continued on the basis of previously concluded agreements, and cooperation with the National Chamber of Agricultural Economics was outstanding in 2018.

Decisions on the authority and population protection measures required for extraordinary water pollution are supported by water analytical equipment set up by the development of the equipment for mobile laboratory lab units in disaster management.

In the course of the year, the **hazardous plants area** was also responsible for the official supervision of storage, production and user plants in Hungary. Effective prevention of major accidents involving dangerous substances and Seveso 3 in order to fully implement the Directive, in 2018, the experts processed the experiences of official controls on hazardous plants, followed by a series of professional conferences to improve operators' safety awareness and uniform enforcement. With the involve-



ment of the professional organizations of the operators, the field has developed methodological guidelines for the investigation of operators of hazardous materials related

accidents, and, based on the experience of domestic and international events, it issued a professional recommendation on the operator tasks to ensure the prevention of operating conditions related to extreme winter weather.

In order to share the experience, representatives of the field participated in the Seveso 3 Directive and the work of the working groups and governing bodies to implement the UNECE Industrial Accident Convention. To present the integrated authority and intervention activities, the area organized a large-scale international industrial accident and water quality protection exercise at the site of a domestic hazardous plant.

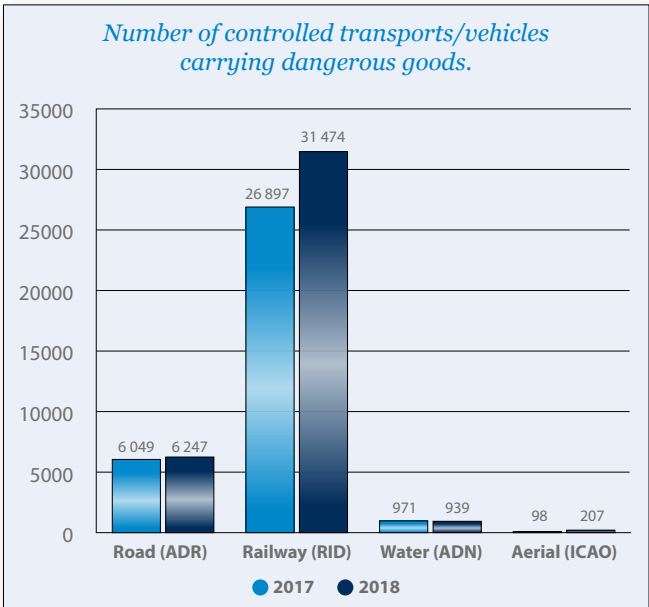
The Nuclear Emergency Response Department continued to control Hungary's radiation situation, performed the tasks of the Early Warning Center, informed the public about the current radiation situation and operated the RODOS system.





In 2018, mobile laboratories carried out emergency investigations in 505 cases, and they were involved in 869 cases in the control of dangerous goods transport and hazardous plants. Further training aimed at developing the capabilities of staff serving in mobile laboratories focused on radiological detection and use of equipment, and on the use of recently used water analysis and water sampling tools.

Disaster management radiation detection units protected by quick detection and decision support for damage related to hazardous substances. Experts working in the field of disaster management **dangerous shipments** checked 48 per cent more vehicles during the year than in 2017, while the number of detected irregularities decreased by 27 per cent, which is a good indication of the increase in traffic safety. In order to further improve the safety of dangerous goods transport, the members of the official staff took part in practice-oriented training



courses in 2018, which extended their knowledge of tactical, professional and procedural law. Representatives of the field at conferences, working group meetings and workshops have reviewed and processed the practical implementation issues of regulatory activity and further development opportunities.

The **Critical Infrastructure Protection area** performed sector-specific authority, information security authority, and regulatory control tasks, and managed security incidents and threats affecting electronic information systems for designated critical facilities and systems. The industry has registered the service providers subject to the notification, and has compiled and updated the list of operators providing the basic service.

Incident management were carried out in twenty-four cases, and an alert had to be issued to the operators concerned six times.

In 2018, the elimination of power supply malfunctions due to extreme weather was an outlined task in six counties, forty-two thousand places of consumption during



the peak period that was reported on two occasions. As a result of the development of exercises and protection systems, there has been an increase in the resistance and response capacity of installations exposed to energy supply disruptions due to extreme weather, in particular health and social institutions.

Deputy Directorate for Economic Affairs

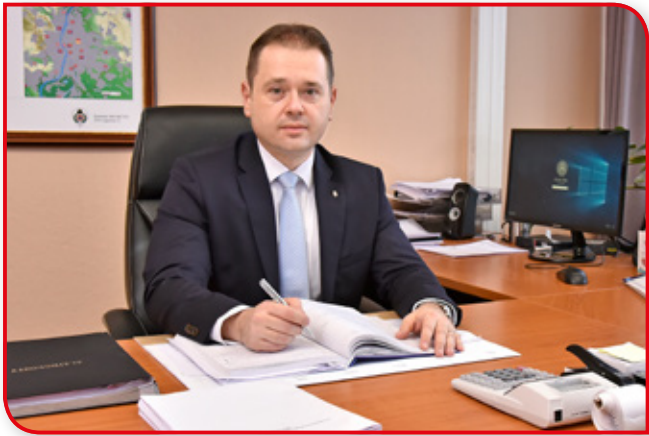
The Deputy Directorate General for Economic Affairs also carried out its tasks to ensure the effective functioning of the disaster management system in 2018. Thanks to rational and balanced management, the economic area of the organization created the technical, technical and financial conditions necessary to perform the tasks this year.

EU projects have been continued to enable higher-quality in all areas of disaster management. Several large-scale real estate developments have taken place, new fire brigades have been established, and the barracks have been renovated in Körmend, but two barracks, a post and a logistics warehouse have been built. In addition, disaster management has acquired fire protection and rescue equipment, and has prepared a number of IT developments to help the organization.


In the framework of the renewal of the vehicle fleet, new fire syringes, water transport vehicles, special gear and passenger cars were put in place during the year; in addition, in 2018, special attention was given to providing the intervention staff with technical equipment and protective equipment.

In 2018, the IT industry made significant improvements in the renewal of its operation management and decision support system, while developments in the area of civil alert and information systems further increased the security of citizens.

During the year's achievements and investments, and the continuous renewal of the asset park, the dedicated and vigorous work of the Deputy Directorate General for



Economic Affairs has played an essential role. Finding the best methods for solving complex problems, challenges, unceasing search for novel solutions, faith in innovation and the use of modern technologies formed the basis of the organization's 2018 activity, which served to achieve the strategic goals of the disaster management organization.


Péter Bartók
Fire Fighter Colonel
Deputy Director General
for Economic Affairs

In 2018, the fundamental task of the economic organization was to provide the resources, tools and technical background needed to achieve the goals of disaster management, using the efficient and optimal use of available resources. The maximum, effective utilization of domestic



budget resources and application opportunities has made great progress in the development of technical tools of the disaster management. The focus of the economic management tasks was on the development of a vehicle and equipment park that meets the challenges of the present time, and on the modernization of the technical equipment and protective equipment. Thanks to tight and cost-effective management, the disaster management closed the year 2018 without debt.

The implementation of EU-funded projects amounting to some HUF 55 billion worth of funding successfully continued in all areas of the organization, aiming at a higher standard of disaster management for the period 2014-2020.

The implementation project of the Disaster Risk Assessment System, the development of the Industrial Safety Telemetry Network, the development of the Fire Warehouses (Fehérgyarmat Fire Department, Kiskőrös Fire Department), the development and preparation of



Deputy Directorate for Economic Affairs

Voluntary Rescue Organizations and the construction of the Logistics Warehouse Hall have turned into a realization phase. The posts of Sásd, Letenye, Kiskunmajs and Tolcsva were handed over, and construction work is taking place in Sopronkövesd. The building energy development of the Gazdagréti Square hostel in Budapest was completed.

In the framework of KEHOP, 18 domestic manufactured fire syringes were installed last year. 12 single and 1 dou-



ble-decker water carriers, 3 container carriers with 3 sub-structures, and 10 critical vehicle-deployment supporting authority tasks and 1 high-traffic disaster management mobile laboratory vehicle were also installed.

The development of storm alert systems continued from EU sources: the modernization of 17 installed storm warning points on the shore of Lake Balaton and the installation of five new lakeside and lake centers started.

The reconstruction of the building of the professional fire-fighting department of Kőrmend worth 212 million HUF was completed in 2018, and the renovation of the property for the new location of Tolna County Directorate was started. The renovation of the roof of the garage of Mogyoródi street was started.

In the framework of the energy rationalization tender in 2018, the investments of seven properties of five county directorates were realized in gross value of 36.8 million, and 60 properties were renovated from over HUF 268 million in the annual institutional investment and renovation framework.

For the first time, local government fire brigades were invited to apply for a total of 225 million HUF in asset development support. Sixty fire brigades received fire-fighting and technical equipment, specialized equipment, hand tools, other equipment, and EDR radios. The support also covered also procurement of fire syringes, reparation of technical equipment and acquisition of other equipment.

In order to fully carry out the basic tasks of disaster management, the change of passenger cars due to amortiza-

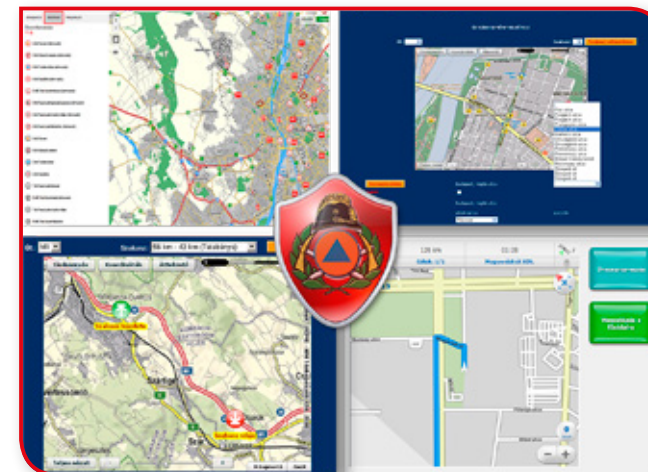


tion continued, with 54 of the 67 purchased cars being purely electric.

During the year, the disaster management purchased and set up two vehicles that rescue from thirty-two meters height and one vehicle that rescue from forty two meter height. The supply of the intervention staff continued with the acquisition of technical and protective equipment, in the framework of which the organization acquired fire-fighting protective clothing, climbing gear and lifting pad set.

The Directorate General launched an internal IT development, which will lead to the modernization of decision support, public information systems and the population protection. Besides the development of IT solutions for the management of integrated authority procedures and the IT system of unified central activity management can continue. Within the framework of project Agricultural Water Use Information and Control Framework, the digitalization of currently used paper-based water registers and their integration into official processes will be implemented.

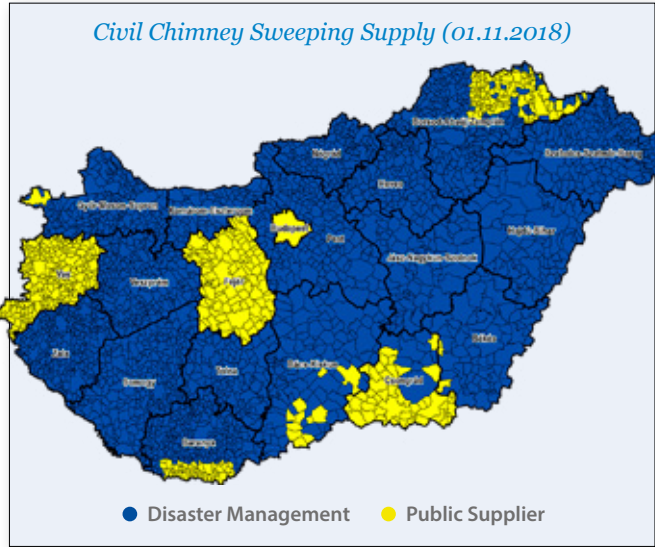
In 2018, the nationwide deployment of a telecom control system that can be managed remotely and that helps to



detect the primary fault, has begun to meet today's standards. The system was installed to the professional fire brigades and receives directly alerts from the DG's operational management system. It also triggers appropriate building control processes. For residential alarm systems of Paks and monitoring and population alert system, the possibility of starting from a common surface has been realized.

National Directorate General for Disaster Management Economic Supply Center

The NDGDM Economic Supply Center is a designated chimney sweeping body for disaster management. For over two and a half years, chimney sweepers have been using and controlling more than two million chimneys owned by natural persons, condominiums, and housing co-operatives. In 2018 the supply area included 2 601 settlements, in which eighty percent of the country’s flue gas outlets are operating. It was a significant change that, according to the law on chimney sweeping, from the beginning of 2018 it is no longer necessary to regularly check flue gas outlets in single-dwelling properties, so the residents themselves decide when to use the service. As a result, the number of surveys carried out on such properties decreased compared to the previous year: the organization has chimney sweepers in 901,000 households in 17 counties, where 1 million 131,000 flue gas outlets



were inspected. In order to improve the organization of work, the development of chimney sweep master circuits continued. As a result of continuous training and further training the number of skilled chimney sweepers is now six hundred thirty, every fifth specialist chimney sweeper is has a master certificate. The vehicle fleet required for the task system is complete, the IT tools of county supply groups have been completed and the flue gas analyzing and pressure measuring instruments, the equipment related to the activity, the replacement of tools, working clothes, maintenance and replacement are ongoing. The customer relationship background of the task is provided by the free-of-charge national call-center, which is connected to the government infocommunication services in 1818, and is supported by a website offering an online administration facility. In 2018 the chimney sweepers of disaster management, appeared at the twenty-two local and national exhibitions, conferences and social events as performers

or exhibitors alone or in collaboration with other professional organizations. During the year, the organization’s social advertising film was produced, which shows how many important things can happen during a half an hour spent at home, and at the same time points out that an average, but sometimes even life-saving chimney check and cleaning takes the same time as well.

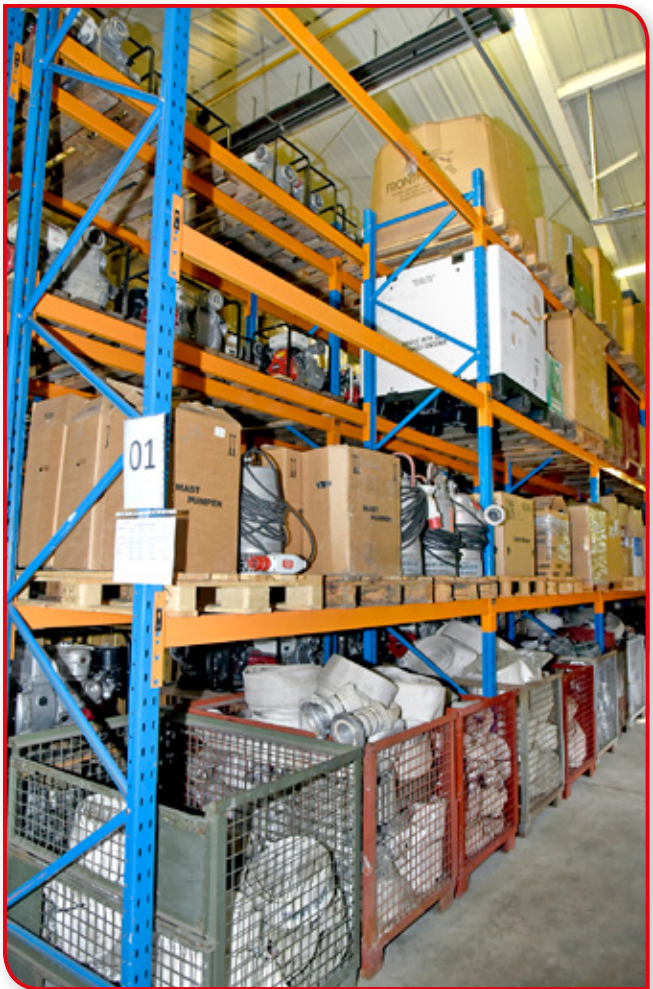


The organization has been coordinating the national mosquito control program since 2013, which takes place under a three-year framework contract for the period of 2017-2019.

National Directorate General for Disaster Management Economic Supply Center

In 2018, in twenty-eight regions, a total of 729,000 hectares of works were carried out over nineteen weeks, involving twenty air and thirty-two ground vehicles. Preventive, yet environmentally friendly biological regeneration methods have come to the forefront. Larger,

larval breeding associated sites were treated on more than 12,000 hectares with biological methods.



The center performed its activities in the interest of regular and cost-effective management. It provided centralized salary billing for disaster management bodies, as well as some economic and management tasks of the Disaster Management Training Center and the Pest County Disaster Management Directorate. It kept in mind the efficient use of available resources, and initiated and carried out a number of major investments, renovations that resulted in cost savings and improved working conditions. In 2018, the roofing of the central garage was rebuilt and the centralized warehouse and the Újszász Street complex began to be rationalized energetically. The NDGDM Economic Supply Center – as a beneficiary – successfully contributed to the project called “The commissioning of clean electric vehicles and related filling networks at the organizations managed by the National Directorate General for Disaster Management”. Within this framework, 54 new electric vehicles were acquired through public procurement procedures for disaster management and



the public procurement for the deployment of 64 filling stations was also launched.

The Economic Supply Center provided the logistical background, material and technical support for the operation of the National Directorate General for Disaster Management, the storage, transportation and operation of national disaster reserves, the maintenance of the HUNOR professional and HUSZAR voluntary rescue organization, and the smooth conduct of their foreign and domestic exercises. It operated the fleet of the organization, carried out the transportation of personnel and equipment, clothing, food, purchasing and storage, and IT and telecommunication activities, including the equipment required for the most extreme abilities.



The primary task of BM HEROS Ltd. was to provide technical support to the National Directorate General for Disaster Management in 2018 as well, both from the manufacturer and the service side. Last year, Heros Aquarex D7, a double-cabin water transport device, capable of transporting seven thousand liters of water. The introduced device was designed and implemented by the company engineers.

During the year, a further 18 Rába-Heros Aquadux X-4000 syringes were put in operation among the disaster management organizations as well as vehicles used by various containers, container carriers and disaster management services were delivered.

In December, 12 single cabs and one double cab water transport vehicle were handed over and ten critical infrastructure deployment units were completed with EU support.



The BM HEROS LEK Ltd. successfully applied for public procurement in the National Ambulance Service tender in 2018, and the consortium led by it received orders

for the production and transport of 117 rescue vehicles. The company handed over a total of 114 vehicles to the ambulance service last year and in 2018.

The service operated by LEK Ltd., successfully supported the work of the NDGDM by repairing the waste vehicles of the Zöld Híd Ltd. effectively.

The service level of the respiratory protection service was partly increased by the purchase of equipment and partly by the opening of two new county workshops. In 2018, a respiratory service workshop operated by LEK Ltd. could be found in every county.

Due to further manufacturing tasks, LEK Ltd. started to build a modern production factory in the Ezüstfa Street site. Following the planning and tender process, the construction of the hall began in the third quarter, and the works are expected to be completed in 2019.

Both companies operated profitably, their combined revenue exceeded 10 billion HUF.



The Human Resource Management System of the Disaster Management ensured the functioning of the organization in 2018 as well, the stock is stable, fluctuation is below 4 percent, and the recharge is close to ninety-three percent nationwide. The established training and further training system, health, psychological care and occupational safety regulation provided an appropriate framework for the stable operation of the organization. The annual activity of the human field was determined by the continuation of the professional career model program, the preparation and implementation of the tasks defined in the new labor legislation.

As of December 1, 2018, 11 643 people were employed in the professional disaster management service, 375 in the disposition and there were 1273 vacant places. The trend of the previous year remained, the fluctuation of the organization is still low.

In the framework of the new system of advancement and salary systems, the stock orders containing the additional five percent increase in salary and the pre-ranking of the affected staff in the grade of the salary has been prepared by the deadline, as well as the salary decisions required due to the minimum wage or guaranteed minimum wage increase for the relevant government officials, public servants and employees the field. The assessment of the staff of professional and government officials was also completed. The professional disaster management body received an exceptional rating for its performance in 2017, based on which it could spend HUF 1.7 billion in performance in 2018. 9 472 professional colleagues received performance benefits and government officials, on the basis of their performance, received an average payout of twenty percent.



The number of offenses decreased compared to the previous year, thus, the norm follow-up of the stock was strengthened. The number of violations dropped to almost one third, followed by less violent misconduct following the previous trend. The number of inappropriate procedures for out-of-court misconduct has not changed. Crimes are still dominated by military crimes, and the infringement procedure had to be launched every time because of traffic violations, and the vast majority of disciplinary offenses were due to inadequate performance of internal norms and instructions.

Master degrees were handed over for the first time in the academic year of 2017/2018 in the Disaster Management Institute of the National University of Public Service. The state supported training fully serves the different professional needs, it is practice-oriented, professional-specific, and supports organizational socialization, thus ensuring the operation of the internal career system. In the sec-

ond half of the year, the preparation of fire protection engineer training began.

In order to ensure the advancement of non-graduates, the Directorate General provided the possibility of ob-



taining a maturity certificate centrally. Many used this opportunity, so one-third of those who did not have a degree, more than six hundred and sixty colleagues passed their final exam. In 2018, more than three hundred took their certificates.

In the new system of fire-fighting training, 249 completed their studies successfully in 2018. Since 2012 almost one thousand five hundred students graduated, so about a quarter of executive staff have comprehensive law enforcement and modern fire-fighting skills. Earlier staff shortages of the Fire Vehicle Command Staff practically ceased due to the scheduled execution of this year's training.

Driving technique trainings have been brought to the forefront compared to the accident prevention courses, with almost one thousand and five hundred colleagues passed the training.





For the second time in the field of accident-free driving measures, a national road safety competition was held in three rounds at local, regional and national lev-



el, where approximately five hundred drivers measured their knowledge in the category of officer vehicle and standing emergency vehicle.

The National Disaster Management Sports Association has become the largest law enforcement sport club in terms of its number of staff, thanks to its recent sports organization activities and successful recruitment.

Health and psychological care, selection, health and psychological screening, preparation, and prevention of work-related accidents remain a priority issue, which takes place at regional, nine primary care centers. In addition to conducting various aptitude tests, psychological counseling and training activities, great emphasis has been placed on group work to support organizational integrity. In 2018, the crisis intervention group for disaster management was also in operation, with 30 profession-



al and volunteer professionals. The sharp usage of the crisis intervention group application was not necessary in the past year.

In 2018, 11 785 health fitness examinations were carried out in the regional health, psychological and occupational



health care centers of the professional disaster management body. A total of 1,438 professional, municipal, facility and volunteer firefighters underwent an aptitude test to drive vehicles with distinctive signals.

The professional staff had a total of 171 days of release or work injury. A significant proportion of accidents occurred during sports and road transport. A quarter of the cases occurred during a fire-fighting operation, a decrease compared to the previous year. There was no serious work injury in 2018. In order to prevent illnesses and work accidents, 152 health care professionals carry out this task alongside their work.



On the basis of the cooperation agreement with the University of Pécs, the training of disaster medic instructors and the first aid and medical preparation of the intervening fire brigade staff continued last year.

Disaster Management Education Center

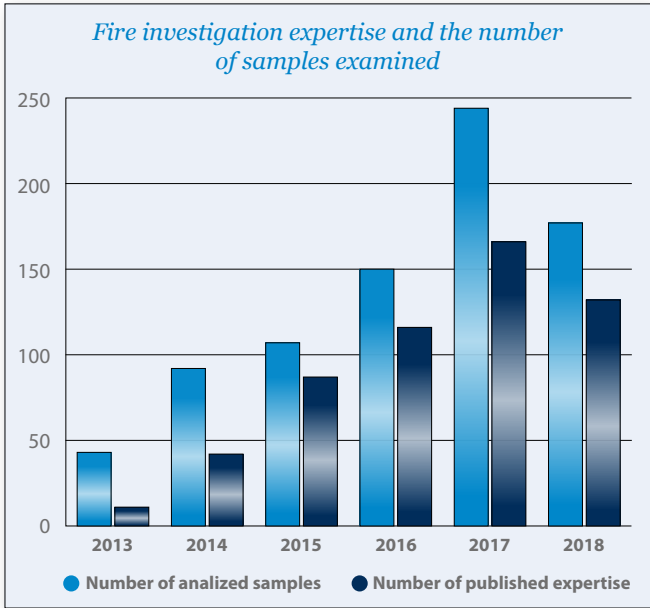
The Disaster Management Education Center celebrated its 70th anniversary in 2018, which the institution also commemorated with several events. At the end of the academic year 2017/18, a family day with a retirement meeting was held, where former school commanders and firefighters graduated in the former decades were welcomed. The school's new collection of educational history was also opened at the ceremony. An international conference on the *Future and present of firefighting training* in October presented the institution's past decade, and representatives of eight nations also gave lectures.



In the first half of 2018 50 students obtained a higher professional qualification in the field of fire safety organizer launched in September of the previous academic year, and 13 students graduated in the faculty of disaster management organizer, and 4 students graduated in the field of industrial safety organizer. As of December 2018, 28



students have been studying the profession of fire safety organizer of the law enforcement organizer training started in October 2017, and their training lasts until May 2019. In September, another law enforcement organizer training started in the institute: 17 fire safety organizers and 4 students in the field of disaster management started their studies. In February 2018 the School issued 128 students from the Firefighter 2 training, and 121 in June. In September 2018, the same training had already started with 180 students, and the Firefighter 1 training started with 20 people. Up to the end of the summer academic year, the institute issued 41 vehicle commanders, and in the new academic year, 47 prospective vehicle commanders commenced their studies. 108 students did successful final exam in the chimney sweep industry vocational training and 32 students passed a successful master examinations during the year. 42 students finished their studies at the municipal and facility firefighter training courses, out of which 12 passed their exams in an out-



of-school course. In September, another out-of-school course was started with 15 people in Békés County, and the training was completed in March 2019. 19 passed a successful exam at the fire protection chief professional training that was held between October 2017 and April 2018. A total of 3 644 colleagues have been licensed to any of the fire extinguishing techniques. In the two training groups of the law enforcement training course, 24 students acquired the qualifications required for the appointment of head of department in Pécel.

The disaster management operational training course was held in March, with all 21 participants taking a successful exam. 33 colleagues successfully passed the exam of the Spring Disaster Management Basic Course. Graduation exams continued: 37 colleagues in summer and 23 in the autumn passed successful exams. In May, an eight-week operational control training course was launched, which ended in February 2019. Last year, 28 students completed the fire inspector course. In the training courses for dangerous goods inspectors, 130 students passed their exams successfully last year, and 34 in disaster management mobile lab courses. 26 students passed the public security referent training successfully that was organized for the municipalities associated with Pest County and the capital.

Disaster Management Research Center

In 2018, the research institute issued a certificate of conformity for fire protection after the qualification of 24 products. The institute provides fire test unit packages for on-site sampling and transport to regional disaster management bodies. It also carries out a special analy-

Disaster Management Education Center



years, the number of samples checked annually has risen to over 200. Periodic inspections are already conducted on the basis of foreign orders. In 2018, the Institute's offices and testing laboratories were renovated. Nine laboratories are now working on the material investigation activities under development. In the framework of the ongoing development program, the whole electrical system has been renewed, and the expansion of the material testing analytical instrument park has begun.

Central Museum of Disaster Management

Last year, the museum was present at the 150th anniversary of the establishment of a fire brigade in Esztergom, the common police and firefighting day, at the temporary exhibition of the Lipták house, but also participated in the Museums' picnic. With its professional guidance, a new collection of training history of the Disaster Management Education Center has been prepared. In the



sis of the combustion residues received during the fire investigation procedures, and based on the results obtained from its accredited analytical procedures, it issued 132 judicial opinions. The state-of-the-art screening of foam-forming materials for fire-fighting purposes has now become an independent area. Over the past three



spirit of the international relations becoming more lively, the institution introduced itself at the 4th international historical firefighter exhibition titled as "That is how our predecessors put the fire out" in Somorja, Slovakia. It also participated at the 26th session of the International Firefighting Association's and CTIF Historical, Museum and Documentation Committee in Celle, Germany. The third volume of the artistic scientific album „Fire engines in Hungary" was published in the framework of the history sciences. This year the museum organized the Do not burn! literary and drawing competition for almost a thousand entries. In addition, the institution received more than nine thousand visitors in its central building and branches.

Disaster Management Central Orchestra

The orchestra celebrated the 80th anniversary of its existence in 2018, on which occasion it was possible to make a record with a concert brass orchestra. An exciting, realistic blowing musical value and sound experience was born. For the second time in the year, the orchestra could go to the studio to make an advent album with big band, quintet and full orchestra formation. Celebrating its jubilee, the orchestra gave a successful concert on December 14 at the Danube Palace. During the concert, besides the classical transcripts, the world of operetta, the Christmas mood plays and the 70's and 80's music, the orchestra presented a diverse repertoire ensembled with singer soloists.



National University of Public Service Institute of Disaster Management



In 2018, the Institute of Disaster Management developed the training and output requirements for the initial training of fire safety engineers, with a declaration of support for thirteen organizations and interest repre-



sentatives involved in the training process. In September last year, a full-time training course was launched on industrial safety specialization in the field of disaster management, where eight students began their studies. The Senate of the University accepted the founding charter and the organizational and operational rules of the disaster management college developed by the Institute. The emerging college will provide more effective talent management for outstanding students. In order to support the teaching and research activities of the Institute, it concluded a cooperation agreement with MOL Ltd., the National Association of Radio Distress-signalling and Infocommunications and the Association of Hungarian Logistics Service Centers.

158 of the 795 applicants began their studies last year. In the disaster management faculty, 18 people registered for daytime work, 140 at correspondence, more than half of them attending state-supported training. At the end

of 2018, 42 students were enrolled as officers in full-time training in three classes of disaster management.

41 students began their studies at the Master's program, and the total number of students at the beginning of the 2018/19 academic year was 394. In June 2018, 181 completed their studies, 179 of them completed final examinations, of which 110 received their diplomas. Relying on the base of the institute's research workshops, 29 doctoral students are studying in the field of disaster management research at the Military Technical Doctoral School.

Last year, the institute organized an international scientific conference, core management exercises and independent professional days, in addition to the spring and autumn institutional scientific student conference. The institution was also represented at the National University of Public Service Open Days and at



EDUCATIO. The institute's participation in ERASMUS+ programs is becoming more and more active, and the joint university disaster management course at the Babeş-Bolyai University was again organized. One of the highlights of the National University of Public Service last year was the „Integrated Protection 2018” public service exercise, where more than a thousand students and trainers focused on the practical elements of cyber-crisis management.



In recognition of the outstanding student and teacher work, the memorial plaque of Dr. Jenő Roncsik and the Student's Dagger traveller cup were handed over in the past school year. In 2018, instead of one in the previous year, four candidates were awarded national higher education scholarships for excellent academic achievement and active university community activity for a higher education scholarship.

The office organization has successfully supported and coordinated the work of professional areas with solid backing.

Last year, the legal field took part in the amendment of 15 own-initiative legislation, and some 900 submissions from the Ministry of the Interior were commented on. It examined the legal compliance of 70 internal standards and prepared deregulation of 10 internal regulators. In the first half of 2018, it launched a legal counselor program, which effectively processed legal cases in law enforcement, legal practice related to the transformed legal environment, and emerging issues.

In order to prepare for the application of GDPR, the Office has initiated several training courses, training, examining and recording the data and how the organization handles it. In 2018, the development of data protection rules and practices for the protection of personal data, as well as a



suitable environment for normal and lifelike operation in the disaster management task system.

Responding to the challenges of the 21st century, the disaster management was linked to the e-administration



network. The purpose of the administrative office of the administrative area was to extend the electronic administration to the widest possible range of clients. During the year, the services of the electronic application form (e-paper) became available.

The public treats disaster management customer service as a general source of information, which handled 2 thousand 376 citizens' requests last year.

The administrative area has promoted the organization through events, exhibitions, enhanced organizational culture with impressions, publications and promotional materials.

During the year, disaster management focused on strengthening and expanding its international and especially bilateral relations. Joint committee meetings,



bilateral professional meetings were held. Moreover, Australian, Iranian, Israeli, South Korean and Vietnamese delegations visited the Directorate General. The EU Civil Protection Mechanism is being renewed, and the Head of the Directorate General for Emergency Management and Humanitarian Affairs of the EU also visited the Directorate General in Budapest. The organization also participated in the meetings of the NATO Civil Emergency Planning Committee in 2018, as well as UN meetings. Hungary hosted the meeting of the Directors General of Disaster Management of the Visegrad Four, where Japan was also represented. The International Fire Fighting Association (CTIF) Youth Fire Commanders met in Hungary as well and the CTIF Youth Firefighters Symposium took place here too. Many employees of the organization participated in international trainings and conferences.



Audit Service

The audit service area paid special attention to the practicality of the control and supervision system, its helpfulness and purposefulness, as well as the improvement of managerial and supervisory work. Through the implementation of audits, it strengthened the professional management, supervision activities and supported the operation of the integrated risk management system as an advisory activity.

In 2018, the NDGDM and the county directorates carried out a total of 5 542 audits, 6.4 percent less than in the previous year.

As a central body of the NDGDM, the Audit Service carried out 343 audits, of which 5 were comprehensive and 6 were management level audit, 20 were subject tests, 34 were targeted, 10 were auditors, 215 were mobile, 1 was supervised, 6 were professional and 5 were supervisor.



During the year, a total of 24 surveys, 13 reports and 4 exercise inspections were conducted.

Most of the mobile controls were performed by service provision and switches, as well as the control of practices. A review of the exercise of severely injured contingency plans was reported as a new task. 27.4 percent of all mobile controls (59) ended without finding a gaps.



Distribution of audits in 2018

Complex audit	20
Subject test	206
Management body audit	41
Target audit	375
Authority affaires (supervisor) audit	6
Mobile audit	585
Rewiev	178
Accountancy	260
Referring	70
Control exercise	35
Audit of the disaster management operation services	3 521
Professional audit	7
Revisory audit	146
Supervision audit (beyond disaster management mobile service)	86
Test	6
In total	5 542

A national summary report was prepared on the activities of the audit area on a monthly basis, including the findings of 18 thousand 219 audits carried out by the heads of local bodies.

The audit service area prepared the internal audit strategy plan of the NDGDM for 2018-2021 and updated the internal audit manual.

By analyzing the data and information collected during audits covering the entire area of operation, and by processing the experience, the audit service area provided appropriate information to the management of the organization, to establish an effective decision-making mechanism, and to take remedial action. The findings of the central audits completed in 2018 resulted in a total of 1279 action-oriented and 85 non-action oriented proposals, on the basis of which the audited revised two internal and twenty territorial level internal standards, repealed two territorial standards at regional level and prepared three missing regulations.

In addition to the national audit service manager meetings, the one-day training of the auditors, and the two-day audit conference, the specialty provided continuous professional guidance over the control activities of the territorial bodies.

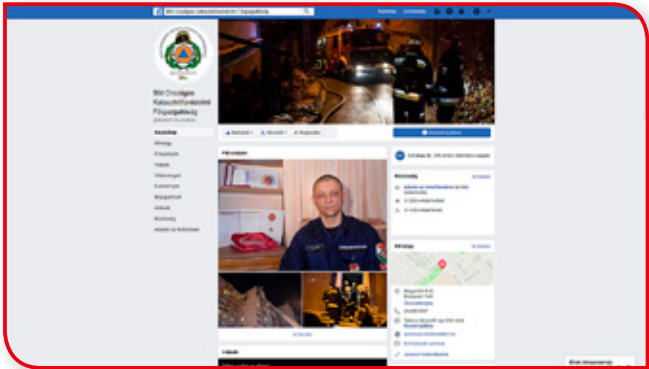


Communication Service

The communication of disaster management was also multi-directional in 2018. In terms of its choice of subject, it had to meet the need to convey stability and at the same time, but to respond flexibly to changes and extraordinary events. Disclosure of occurrences related to



incidents occurred continued to play an important role, as well as reports on preventive communications and legal or organizational changes affecting citizens. Disaster management has provided public information on a number of channels and on a public interface. In each case, the channel selection was determined by the most effective way to reach the target group. Feedback and analysis show that the image of the organization that is now available as an organization that guarantees public security, credible, immediate responses and measures to support citizens' daily lives has continued to grow during the year, and that its services and information are reliable and operate in a stable framework.



At the same time, it was an important task to communicate the various changes, including the monitoring of developments and investments, the presentation and publication of Hungarian and EU projects.

In 2018 there was a strong interest in the extraordinary winter weather in March, and in the summer there was an increased interest in mosquito beating and stormy



interventions on those days. In the last quarter of the year, the topic of waste management was the focus of attention, and if less than before, chimney sweeping was also on the agenda. From September, communication focused on heating, carbon monoxide poisoning, home fire prevention.

The number of visits to the website of the Directorate General was the highest in the first half of 2018, with four months of clicks over twenty thousand articles. The most interesting news in March was about extreme winter weather, and this article was opened by 43,460. The article about the dangers of fireworks on January 3 was also read, 33,777 people clicked on it. Announcing the results of volunteer rescue organizations resulted more than 38,000 clicks on June 12. Popularity was promoted by animal rescue actions published on the Facebook

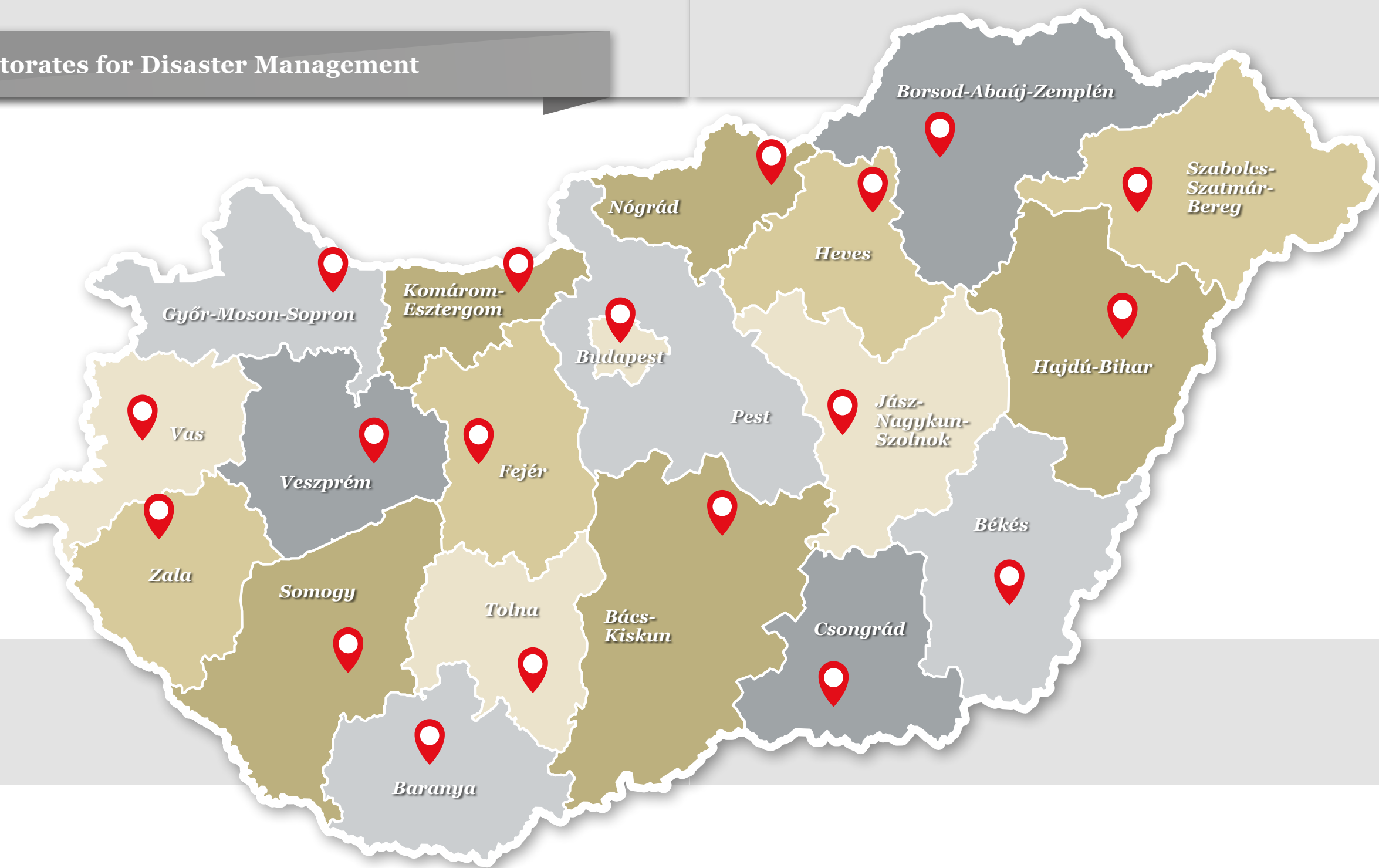
page, firefighters' life stories, professional catches, so-called backcards.

In 2019, the organization launches its new website and plans to make community media communication on disaster management more effective. The full content and image renewal of the website of the Directorate General and of its territorial bodies determined the whole year.



Communication data (December 2018)	
Number of news items in the media	115 900
Number of Emergency Alert Service (VÉSZ) news	8 506
Followers of the NDGDM Facebook page	27 317
Number of people informed through the most popular Facebook post	1 671 952
Number of photos published through the media server	124 218
Number of news published at the website (national and county)	9 211
Number of publications published	3 690
Number of statements	7 244

County Directorates for Disaster Management



Directorates

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