

EuroGeographics AISBL

Management Board Report to the 2020 General Assembly

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1. Report on activities and outcomes

EuroGeographics is an independent, international not-for-profit organisation, which is proud to be the voice of European National mapping, cadastral and land registry authorities (NMCAs). Our strategy for the period 2017-2020 was approved at the October 2017 General Assembly in Vienna.

In Manchester last year, members gave Management Board a clear mandate to renew and revive the Association's strategic response to the changes in our operating environment. The General Assembly agreed that our focus will be on facilitating access to your data, and that this will drive our representation activity and be supported by two-way communication through our knowledge exchange and other membership activities.

We are a passionate advocate for your data and believe in a society empowered by the use of your trusted geospatial information. We aim to deliver value to our members to support better governance, and for the benefit of society by:

- Facilitating access to your data and demonstrating its importance through the creation of pan-European datasets and promoting its integration and use of within the European Institutions
- Representing your interests to maintain national and international awareness of your role through our position as a well-established, credible expert authority on European geospatial data.
- Maintaining a knowledge exchange network that helps you to improve your capabilities and role through collaboration with international organisations.

Our activities are designed to meet the needs of all our members and to support them in facilitating access to their geospatial information to drive applications that realise economic, social and environmental benefits as well as quicker, more efficient and reliable land registration and administration. The successful delivery of our strategy is dependent upon our financial plans, our communications and our people.

This document is the Management Board's report to the General Assembly, as required by the Articles of Association.

2. Membership

Our membership covers the whole of geographic Europe and our activities are focussed on delivering benefits for each regardless of the geographical, technical, political, organisational, linguistic and business parameters in which they work.

Membership of EuroGeographics is open to any national body in geographic Europe responsible for geodetic surveying, topographic mapping, cadastre and land registration. We currently represent 61 organisations from 46 countries, which is approximately 90% of the organisations responsible for these activities. Since last year, the General Directorate of Land Registry and Cadastre Turkey who were in abeyance, have now terminated their membership as of January 2021.

Whilst we cover the whole of geographical Europe with at least one national authority in each country, there is some potential for further growth, which we continue to explore.

3. Representation

EuroGeographics represents our members' interests internationally in Europe and globally, to ensure that roles, capabilities and concerns are understood.

Europe

The European Union is a significant influencer and stakeholder whose policies affect all our members' interests. Active monitoring and representation of European Policies continued throughout the last year to ensure our members were aware of, followed and influenced significant policy developments where they affect their interests. This included:

- Tracking and reporting to our members on significant policy developments.
- Connected DG CNNECT Impact Assessment study team and our members for interviews on geospatial themes as a part of High Value Data;
- Organised online meetings where DG CNNECT presented progress on the Implementing Act work and presented a European Strategy for Data
- Submitted EuroGeographics Information paper on the European Strategy for Data to the Commission and respective Parliament committees
- Held a number of online meetings and webinars with members to keep them up to date with developments and providing a forum for discussion.

During the year the President, Management Board and the Secretary General held a number of formal and informal meetings with a variety of European stakeholder representatives from the European Parliament, and Commission, including DG Connect, the European Environment Agency, DG Grow, European Global Navigation Satellite Systems Agency (GSA), Eurostat and the Joint Research Centre (JRC).

Globally

EuroGeographics is an observer organisation at the United Nations' (UN) Global Geospatial Information management (UN-GGIM) Committee of Experts. It is also an observer on the Executive Committee of UN-GGIM: Europe. European NMCAs have an important role to play in UN-GGIM and, as their membership association, EuroGeographics is committed to ensuring their distinctive voice and interests are heard. While the Netherlands is responsible for the Secretariat for UN-GGIM: Europe, the Association funds and carries out this function through a service level agreement (SLA) with Kadaster. The SLA will be renewed for a further two years to 2022. EuroGeographics actively contributed to the various global consultations initiated by the broad programme of work of UN-GGIM, including the Framework for Effective Land Administration and the Implementation Guide of the Integrated Geospatial Information Framework.

Due to the disruption caused by the pandemic, this year's annual session of the UN-GGIM Committee of Experts was organised as a virtual event. EuroGeographics still represented the collective voice of our members through written intervention submitted for GGIM10, highlighting members' contributions to UN-GGIM. In particular EuroGeographics stressed its support for the Integrated Geospatial Information Framework and application from the Federal Republic of Germany for establishing a global geodetic centre of excellence in Bonn which will support the long-term sustainability of the global geodetic reference frame.

The Association reiterated the important role of authoritative geospatial information in relation to land administration and management, services for disasters, and for sustainable development. EuroGeographics also expressed its continued interest in the implementation and adoption of standards, legal and policy frameworks, and the report on future trends in geospatial information management, as well as its relevance to nationally integrated geospatial information management.

Regional and External Stakeholders

During the last year we participated in a number of regional and international collaborative groups, including the 12th Conference of the European Forum for Geospatial Statistics in Manchester and the Inspire Helsinki 2019 event where EuroGeographics organised a workshop. We again partnered with DGI Europe 2020, the leading global geospatial intelligence conference held in London where we organised a panel composed from our membership. EuroGeographics and EuroSDR, in conjunction with OGC, ISO and ICA, organised the third workshop on spatial data quality in Valletta, Malta in January 2020.

We also participated in a number of virtual events organised in lieu of physical ones following the Covid-19 disruption, such as the Joint UN-GGIM: Europe – ESS – UNECE Workshop in March of this year. The Association also actively maintained relations and communication with relevant organisations, such as EuroSDR, the European Forum for Geospatial Statistics (EFGS) and the Group for Earth Observation (GEO). We continue to represent members' interests and promote their role through these initiatives, particularly highlighting the importance of our members' authoritative data as an integral part of the growing digital economy.

4. Knowledge Exchange

We are well aware that the majority of our members set a high value to knowledge exchange, and we always strive to further maximise this membership benefit. Last year the Association refocused its three main pillars of activity to meet challenges of a changing landscape. As a result EuroGeographics is engaging with a more direct and cost-effective form of knowledge exchange and capacity building; retaining KENs as one important facet of knowledge exchange while complementing them with other knowledge exchange tools and methods that will offer its members further benefits in addition to the physical networks.

Following the refocus of our knowledge exchange activities the Association now has four knowledge exchange networks: Cadastre & Land Registry (C&LR KEN), Policy (PoIKEN), Quality (QKEN) and INSPIRE KEN, and two knowledge forums: State Boundaries of Europe and Positioning. The networks being more focused and active than the forums.

Ambitions to enhance the KENs with alternative methods of knowledge exchange was abruptly put to test early this calendar year when the Covid-19 pandemic disrupted travel impacting physical events and meetings scheduled from March onwards. Undaunted the EGHO responded to the crisis by quickly launching a programme of virtual knowledge exchange and learning. In collaboration with our members EuroGeographics was able to offer a series of weekly webinars showcasing 22 member case studies over the course of three months.

In collaboration with EuroSDR we offered access to e-learning material and customised reading lists compiled on the webinar topics. The series also offered information about continuous professional development and accredited schemes. The enthusiastic and positive response from our members was overwhelming, the weekly webinars attracted a total participation of almost 700 over thirteen weeks, reinforcing the need to continue organising and holding virtual knowledge exchange events which allow a greater number of members the opportunity to benefit from their value. This will be a focus of the knowledge exchange for the next few months.

In spite of challenges EuroGeographics continued to deliver an active programme of knowledge exchange activities. The following events were held in the past 12 months:

Knowledge Exchange events organised October 2019 - September 2020

PolKEN	<ul style="list-style-type: none"> • Webinar: High Value Datasets, October 2019 • Webinar: High Value Datasets, February 2020 • PolKEN Meeting, February 2020
C&LR KEN	<ul style="list-style-type: none"> • Joint CLRKEN and PCC Plenary Workshop, November 2019 • Joint CLRKEN and PCC Plenary Meeting (as a webinar), June 2020
QKEN	<ul style="list-style-type: none"> • Plenary Meeting, October 2019 • 3rd International Spatial Data Quality Conference, January 2020 • Plenary Meeting, January 2020
INSPIRE KEN	<ul style="list-style-type: none"> • Webinar, March 2020
EGHO	<ul style="list-style-type: none"> • Workshop during the INSPIRE Helsinki Week, October 2020
Webinar Series	<ul style="list-style-type: none"> • Introduction to the web series and CPD, April 2020 • Open data, (two webinars) April & June 2020 • Digital transformation in Cadastre, April 2020 • Positioning/GNSS, April 2020 • Interoperability and use of authoritative data, May 2020 • Geoportals, (two webinars) May and July 2020 • Spatial Data Quality, (two webinars) May and June 2020 • Business transformation in Cadastre and Land Registry, June 2020 • NMCA response to Covid-19, (two webinars) June and July 2020

The presentations, reports, outputs and recordings from these events can be found on the EuroGeographics website: <https://eurogeographics.org/knowledge-exchange/>

5. Facilitating Access to Members' Data

EuroGeographics continues to maintain and develop its portfolio of pan-European datasets, created from members authoritative data. Our production managers and member producers follow a four-year production schedule, with detailed individual plans for each year.

In September 2020 the latest version of EuroGlobalMap (EGM2020) was released. The themes updated in the release, through the full generalisation from our other products, EuroRegionalMap and EuroBoundaryMap include the Boundary, Transport and Settlement themes. EGM can be downloaded from the EuroGeographics website and continues to be available as a web feature service, through the User Interface which was developed as part of the Open ELS project. Since its release as open data, EuroGlobalMap has been downloaded by more than 8800 unique users and continues to be downloaded by end users.

In April 2020, we also released updated versions of **EuroBoundaryMap** (EBM2020) and **EuroRegionalMap** (ERM2020). Both products have benefitted from the harmonisation and consolidation of metadata and lineage information.

In 2019 the updated themes in ERM included Boundary (from EBM), settlements, and hydrography. Production in 2020 focused on edge-matching watercourse features along borders. EuroRegionalMap includes information for 51 European countries and territories (according to ISO country code) from 36 data producers, including all EU member states.

To improve accuracy and achieve a harmonised full European dataset, national data is validated against specifications using a tool developed by The Netherlands Kadaster, Land Registry and Mapping Agency. This tool is being continually updated by Kadaster and has had significant take up by data producers.

EuroBoundaryMap was completely updated, and offers the latest administrative information for 55 countries (according to ISO country code and Kosovo) from 39 data producers including all EU Member States. It also links to the updated statistical LAU- and NUTS-codes for all local administrative units of the EU.

EuroGeographics' portfolio also includes **EuroDEM**, a digital elevation model for applications such as environmental change research and hydrologic modelling and the **Open Regional Gazetteer** which was created as part of the OpenELS project and is available via the Open ELS User Interface.

In September 2019, we held a very well-attended data producer technical meeting in Ljubljana, kindly hosted by the Surveying and Mapping Authority of the Republic of Slovenia. In attendance were 53 experts from 27 countries who were updated on technical plans for the following year, and each regional group were able to meet in breakout sessions to share knowledge and exchange information.

The Production Management Team met online in June 2020 to discuss the production plans for 2021, including planning the 2020 agenda for the annual data producer event.

The data producers will meet online in late September 2020 to discuss the production plans for 2021 in lieu of a physical meeting. EuroGeographics is able to facilitate the usual agenda, including the breakout session.

In May 2020, EuroGeographics was notified that we had been awarded a Connecting Europe Facility (CEF) grant agreement to co-fund Open Maps for Europe. The work within this project forms part of our Data Access and Integration work plan and contributes significantly in allowing us to operationally deliver it. The evaluation of our bid was very positive and, we were advised that we would receive the full grant requested of €538,379. This represents 75% of the funding required to deliver this part of the Data Access and Integration Strategy as agreed by members at the 2019 General Assembly in Manchester. Our partner in this project is the National Geographic Institute of Belgium who are supporting us with technical and legal expertise. Open Maps for Europe is a 3 year project. The Grant Agreement negotiations were completed in July and the agreement was signed on by EuroGeographics on 20th July 2020.

Our successful submission highlights our relevance in delivering the European Commission's policy objectives for Open Data and the Re-Use of Public Sector Information Directive, which specifically identifies geospatial as a category of high value datasets.

Work delivering the Data Access and Integration strategy started in January 2020. This includes our usual production activity to create our Pan European datasets. Additional activities included a complete review of member's geoportal and cadastral portal links on the EuroGeographics website, and the implementation of a quick link to these from the member's page. These are being promoted over the summer, in a first step to facilitating access to our member's national data.

Member contributors to ERM and EuroDEM were also asked if they would be willing to make their data within these datasets open, and the background work is continuing to put in place the correct legal agreements to make ERM and EuroDEM open datasets in 2021.

A tender has been released to select a technical subcontractor to deliver our enhanced gateway, and this process should conclude Autumn 2020. The scoping phase can then begin with a view to launching the gateway in mid-2021.

The work programme under Open Maps for Europe refocuses EuroGeographics data activity as detailed in the approved Data Access and Integration strategy, moving away from sales and products to the integration and facilitation of member's data. This is a necessary change not only to align EuroGeographics to the current policy agenda, but due to the fact, we continue to see a decline in customers and therefore licence income. The funding received for the Open Maps for Europe project provides EuroGeographics time to address the issue of sustainability for the production and creation of harmonised pan-European products, which is now a loss making activity.

The Management Board wish to note with thanks the work and contribution of our members' teams who in compilation and integration of these datasets, and the work of the Production Management team who support this process. The EuroGeographics pan-European dataset production system is unique internationally, and a particularly important example of international collaboration in the geospatial area.

6. Finances

Under the Board's management and with the Treasurer's guidance, we have continued to adapt the financial reporting to the strategy using the cost centres that were previously defined. We have also made sure that the financial reporting is an effective tool in ensuring proper and effective management of our Association.

Throughout the year, all the expenses of the Association were carefully scrutinized. As a consequence, a few suppliers and processes have been changed in order to optimize the running of EuroGeographics.

EuroGeographics were successful in being awarded a Connecting Europe Facility (CEF) grant for the Open Maps for Europe project. The full grant €538,379 was awarded and this covers a three year period starting on January 1st 2020. This has a positive impact on EuroGeographics finances and allows investment into the delivery of the Data Access and Integration Strategy, however work is still required to find a long term sustainable solution for data provision,

Article 12.2 of the Association's Articles of Association require that members approve the annual financial statements. Article 15 requires the Management Board to draw up final accounts for each financial year, which it shall submit for approval to the General Assembly through the Treasurer in accordance with Article 12.2. Such approval is achieved by a simple majority vote of the full members present or represented, with no quorum required.

Article 3 of the Rules and Regulation of the Association require the annual financial statements to be prepared by an accountant and approved by the Management Board before being submitted to the annual General Assembly. In order to provide members with the opportunity to scrutinise and approve the financial accounts before they are registered with the Belgian Court of Commerce, these are submitted to the Extraordinary General Assembly held in June.

Annual Financial Statements were prepared by EGHO and approved by the Management Board. However, due to the COVID-19 pandemic, in line with our Articles of Association and the Belgium Royal Decree members had to vote remotely on the resolution: 'The General Assembly approves the

EuroGeographics AISBL 2019 Financial Accounts, and discharges the administrators of EuroGeographics AISBL from liability toward the AISBL itself, and the AISBL may no longer turn to its administrators in case of a fault'. The result of the vote was announced at the Extraordinary General Assembly webinar on the 3rd June, members voted unanimously to approve the accounts. Following this approval they were registered with the Belgian Court of Commerce.

Routine activities, such as reporting of VAT liabilities to the Belgian financial authorities, are performed with the assistance of professional accounting services. In reviewing our budget for 2020 and drafting the budget for 2021, we followed a cautious approach in terms of both expected incomes and expenses.

We also make sure we comply with any new legal requirements and with new regulatory measures that take place in the Belgian and European environment. Appropriate actions were taken in the last year to ensure any new rules were adhered to.

7. Communications

Our communications programme is designed to engage with members to keep them up to date with the Association's response to issues impacting on their work. We also continue to embrace opportunities to promote the importance of authoritative geospatial information to key stakeholders through events, social media and meetings.

During the past 12 months, we have made further improvements to our communications activities to ensure they continue to deliver maximum benefits for members and support the on-going success of the Association.

We have reviewed and revised our key messages so that they align with the mandate given to Management Board by members at the 2019 General Assembly. This has provided an initial refocus of messaging to the European and international institutions, and lays the foundations to support the continued delivery of EuroGeographics' mission to support the public good.

We are also using new language to reflect the shift from products and sales to data and access, the most prominent example being the renaming of the products and services section of our website to Maps for Europe. This lays the foundations for incorporating our wider data offering, including the Open Maps for Europe project, into our communications in a way that is consistent with our corporate branding and keeps our messaging clear and unambiguous. Furthermore, this approach provides continuity for our well-established corporate hashtag - #mapsforeurope - which acts as an elevator pitch to more in-depth conversations.

Throughout 2020, we have focussed on positioning EuroGeographics role in providing access to both national and pan-European data, with signposting to members' data through the new online geoportal directory and a supporting social media campaign highlighting members' case studies from the annual review. We have also created a new infographic which demonstrates not only the role of EuroGeographics but also gives key facts and figures about members and the importance of their activities.

EuroGeographics' communications activities are part of its wider engagement programme. Whilst the Association delivers communications as part of its role as Secretariat to UN-GGIM: Europe, we are also committed to representing our members' interests in the development of UN-GGIM policy. To do this, we assert our own view and position on UN-GGIM issues and help to form, communicate and implement UN-GGIM policy.

Website

The website is a key channel for our communications. As well as sections on our pillars of activity, the website is regularly updated with news and events and also provides a searchable library of information. This now includes an online directory of member organisations with links to national cadastre and geoportals as well as case studies. We have also added a 'Insight' section, containing in-depth comment and opinion pieces on key topics for NMCAs, and a members-only section containing all letters from the President and Head Office in one place. All employees from all member organisations to request a password to access the exclusive member-only content such as the policy news summaries, tracking records and knowledge exchange. These are a key benefit of membership.

Members' Newsletter

We publish the members newsletter every two weeks to provide regular updates about Knowledge Exchange Networks meetings, General Assemblies, policy developments and other news of relevance to members' activities. An archive of past issues is also available to members on the website.

Events

We have run a calendar of events for members including Knowledge Exchange workshops and plenary sessions. Due to the change in circumstances, and significant travel restrictions because of the COVID-19 pandemic the Extraordinary General Assembly was held as a virtual event and a weekly member webinar series was introduced. Our aim is to ensure all the events focus on topics of relevance and interest to members whilst also providing opportunities for engagement whether physical or virtually.

Annual Review and leaflets

The Annual Review provides a high-level overview of activities and showcases our members' contributions to national and international initiatives to demonstrate the value of their data and services to stakeholders beyond their own national users and markets. The 2019 Review was published online due to the Covid-19 pandemic with 33 members submitting case studies. We look forward to members sending their contributions to us in early 2021 for inclusion in the 2020 report.

Media Communications

We have published six news releases focusing on EuroGeographics activities, and five Insight articles – all are available on the website. We encourage all members to share these news releases with their own national contacts.

Social Media

EuroGeographics uses social media to engage directly with stakeholders. As of August 2020, we have 2,168 Twitter followers. Our most popular posts were from the 2019 General Assembly, and were either posted directly by us or by members mentioning us. As a result of appearing in followers' timelines, in searches or because someone 'liked' the Tweet, these 'impressions' were seen around 36,000 times. In general our monthly impressions stand at around 15,000 views. In addition to many of our members and partners, we can count a number of official followers from the European Commission, United Nations, private companies, regional organisations and individuals from the geospatial, software development and European policy sectors.

Our 772 Facebook followers are primarily drawn from our membership and we use the channel as an extension of our internal communication activities, generating engagement through likes and shares.

We continue to use YouTube to promote our activities with a split between public content and content that can only be accessed by members. The latter includes content from webinars and other events when they are unable to attend in person or wish to review the material.

Following the creation and promotion of a new LinkedIn account, we have started to use this channel of communication more frequently and currently have 217 followers. We encourage members to link with us and share content which is key to extending our reach.

8. Governance

The Association is governed by the Management Board and the General Assembly of Members. The Management Board has met eight times since the close of the 2019 General Assembly and expects to have one more meeting before the end of 2020. Due to COVID-19 all Management Board meetings to date in 2020 have been held virtually using the on-line platform GoToMeeting.

Management Board Members since the General Assembly in 2019 are:

The Appointed Board Members	Status – September 2020
France – Sylvain Latarget	Reappointed by France for 2 years in September 2018 Temporarily stepped down in June 2020
France – Magali Stoll	Appointed by France Temporarily from June 2020
Germany – Martin Lenk	Appointed by Germany for 2 years in September 2018
Great Britain – David Henderson	Reappointed by Great Britain for 2 years in September 2018. Treasurer since October 2017. Stepped down in January 2020.
Great Britain – Kenny Crawford	Appointed by Great Britain for 2 years in January 2020.
Elected Board Members	
Ireland - Colin Bray	Elected for a 2-year term in October 2019. Re-elected as President in October 2019.
Denmark - Kristian Moller	End of 2-year term. Vice President since October 2018.
Netherlands - Martin Salzmann	End of 2-year term. Treasurer since March 2020.
Cyprus - Andreas Hadjiraftis	End of 2-year term
Spain - Amalia Velasco	Elected for a 2-year term in October 2019.
Croatia – Sanja Zekusic	Elected for a 2-year term in October 2019.

The Management Board agreed that there will be nine members of the Board. Three members of the Management Board, will complete their terms of office at the General Assembly 2020. However due to the unprecedented circumstances due to the COVID-19 pandemic, the General Assembly 2020 will be held virtually, and members will be asked for vote on formal items of business remotely, in line with our Articles of Association. Members will extraordinary be asked to vote on a resolution to extend the term of the three Board Members by eight months, until the next physical General Assembly in May 2021, when the votes for Board Members can be conducted as a secret ballot as per the Article of Association.

EuroGeographics' core values are of collaboration and cooperation across a multi-national network. We operate under a culture of professionalism in an open, transparent and ethical way to maintain a helpful and supportive network for our members which supports members in their role. We are registered on the EU Transparency Register and are bound by its code of conduct.

9. EuroGeographics Head Office

The EuroGeographics Head Office team consists of 9 people, who are listed on the EuroGeographics website. Mick Cory will retire as Secretary General and Executive Director at the end of 2020. Management Board wish to record their sincere thanks to Mick for his commitment to EuroGeographics and its members, and in particular, for his work with them to define a new strategic direction that ensures the on-going sustainability of our association.

10. Progress in Delivering Operation Goals and Activities

Members approved five operating goals to be achieved in 2020. The Key Performance Indicators which measure progress again these goals can be found at Appendix 2. Each has a written commentary and is colour coded to indicate progress.

Prepared by

Sallie Payne-Snell, Head of Operations and Association Management and the EGHO Team on behalf of the EuroGeographics Management Board

September 2020

Appendix 1 – Highlights 2019/2020

EuroGeographics is a collaborative network which brings together members in a unique Association of mapping, cadastre and land registries. Our strength lies in the ability to cooperate and to share our data, our experience and our knowledge delivered for the wider public good.

Our activities are driven by our members' needs: Facilitating access to their data, representing their interests and providing opportunities for knowledge exchange through networking and collaboration.

The Board is pleased to report significant progress across all the Association's activities during the last three months of 2019 and into 2020.

Highlights include:

September 2019:

- EuroGeographics was delighted to participate in the 12th Regional Conference on NSDI and Cadastre of the Western Balkans where our President, Colin Bray gave an opening speech. Around 100 delegates from member organisations in Albania, BiH Republika Srpska, Croatia, Kosovo, Montenegro, North Macedonia, Serbia, Slovenia, Sweden, Norway and the Netherlands attended the event hosted by Federal Administration for Geodetic and Real Property Affairs (FGU) in Neum, Bosnia and Herzegovina. Together with Secretary General and Executive Director, Mick Cory and Membership and Communications Manager, Patricia Sokacova, Colin also welcomed Heads of our Member organisations to a special dinner where he stressed their important contribution to the success of the Association.
- The 2019 Technical Meeting of EuroGeographics Data Producers took place in Ljubljana. Hosted by the Surveying and Mapping Authority of the Republic of Slovenia, the meeting was an opportunity to brief and discuss plans for our datasets.

October 2019:

- We welcomed representatives from 48 member organisations to Manchester for our 2019 General Assembly hosted by Ordnance Survey Great Britain with support from Her Majesty's Land Registry and Registers of Scotland. During Formal Business, Colin Bray, Ordnance Survey Ireland; Sanja Zekušić, State Geodetic Administration, Croatia; and Amalia Velasco Martín-Varés, Spanish Directorate General for Cadastre were elected to the EuroGeographics Management Board. Members also re-elected Colin Bray as President.
- EuroGeographics and many of its members actively participated in the 2019 European Forum for Geography and Statistics (EFGS 2019) which was organised in Manchester back-to-back with our General Assembly. With presentations from national mapping and cadastral authorities and national statistics authorities the two-day event illustrated with national examples the value of practical cooperation between the two communities.
- The Quality KEN organised its autumn plenary meeting hosted by swisstopo in Bern.
- The Inspire Helsinki 2019 event brought together around 170 people from 29 countries to foster discussion and new ideas on how to get the full potential of spatial data. EuroGeographics organised a well-attended session sharing our experiences in implementing pan-European services using national INSPIRE services.

November 2019:

- The PCC and EuroGeographics Cadastre and Land Registry KEN workshop and plenary was hosted by the National Land Survey (NLS) Finland. Attended by 72 participants from 23 countries, the main theme of the event was the ecosystem around real estate conveyancing.

December 2019:

- EuroGeographics was represented by Management Board Member, Martin Salzmann from The Netherlands' Cadastre, Land Registry and Mapping Agency at the closing event of the IMPULS Project. As part of the Project Management Team, Management Board Member, Sanja Zekušić was also heavily involved in the meeting in Banja Luka, Bosnia and Herzegovina, Republic of Srpska. The success of the project is a great example of the importance of cooperation, friendship and collaboration in contributing to the development of a better and more secure society.

January 2020:

- EuroGeographics again participated in the prestigious Defence Geospatial Intelligence event, DGI 2020 by hosting a panel focusing on the role of civilian mapping agencies in fundamental geospatial data. Secretary General and Executive Director, Mick Cory was joined on stage by EuroGeographics President and Chief Executive of Ordnance Survey Ireland, Colin Bray, Director General of the Agency for Efficiency and Supply, Denmark, Kristian Moeller, and Chief of the National Geographic Institute, Belgium, Ingrid Vanden Berghe.
- EuroGeographics together with EuroSDR, ISO, ICA and OGC, held the third workshop on Spatial Data Quality in Malta. The workshop was well attended with over 50 participants from around Europe. The variety and depth of the presentations showed that the field of data quality and quality management is still evolving as it continues to deal with new technologies and methods of data capture, this event attracts attendance from members, academics, developers and users of geospatial data.
- Hosted by the Malta Planning Authority, the Quality KEN organised its plenary meeting back-to-back with the Spatial Data Quality Workshop.

February 2020:

- EuroGeographics was delighted to participate in the launch of the SPATIAL II project in Skopje, Republic of North Macedonia. SPATIAL II – Strengthened Professional Access To Information About Land II – uses the Integrated Geospatial Information Framework (IGIF) of UN-GGIM as guidance for both bilateral and regional support in the Western Balkan region. It is part of the MATRA pre-accession program.
- A report co-authored by EuroGeographics, KU Leuven and EuroSDR identified seven characteristics of authoritative data that foster its trust across borders and between users. The research found that agreed rules of creation and use, a legal aspect, accountability, quality management, certification, traceability, and maintenance, were all recurring themes. By identifying common characteristics, the aim was to gain a better and more comprehensive understanding of the definition, nature, governance and future of authoritative data and the links to spatial data quality in Europe.
- A face-to-face POLKEN meeting was held at EuroGeographics Head Office. Chaired by Secretary General and Executive Director, Mick Cory, 16 participants from 16 members organisations met to hear about DG CNNECT's High Value Datasets (HVD) impact assessment study. They were also briefed on the new EU Commission and Parliament, focusing on where EuroGeographics and its members can make a constructive contribution. The meeting concluded that PolKEN will strengthen representation activities and support the Head Office representation team.

March 2020:

- EuroGeographics actively participated in the Sixth Joint UN-GGIM: Europe-UNECE-ESS one-day virtual event.

April 2020:

- The first EuroGeographics Extraordinary General Assembly to be held online brought together 71 delegates from 44 member organisations. In addition to formal business, the agenda focused on delivering membership benefits and the role of the permanent correspondent
- EuroGeographics participated in the UN-GGIM High Level Forum, hosted by Ordnance Survey Great Britain which was held as a virtual event. The series of informative webinars gave comprehensive overviews of the Integrated Geospatial Information Framework (IGIF) and the third edition of the Future Trends in Geospatial Management report.
- In response to the travel disruption caused by the pandemic, EuroGeographics launched a series of weekly webinars to support continuous professional development. Feedback from members has been very positive with participants having the opportunity to learn about members work on open data, digital transformation, positioning and GNSS.

May 2020:

- The weekly webinar series highlighting members case studies continued to provide opportunities to share experiences and keep connected while countries around the world remained in lockdown. Topics included interoperability and the use of authoritative data, geoportals, and spatial data quality.
- The INSPIRE Conference, where EuroGeographics had been accepted to present on sustainable pan-European services, was postponed to 2021. However we are still able to attend some of the webinars organised as an alternative to the physical event.
- EuroGeographics 2019 Annual Review, featuring case studies from 33 members, was published online.

June 2020:

- More than 90 participants from more than 28 countries attended a very successful two-day joint PCC-EuroGeographics CLRKEN web conference opened by General Director of State Geodetic Authority (SGA), Croatia, Damir Santek and our Secretary General and Executive Director, Mick Cory. The event, organised by SGA together with EuroGeographics Head Office and the Cadastre and Land Registry KEN, discussed the importance of land administration data in strengthening competitiveness and economic development.
- EuroGeographics weekly webinars continued to attract interest and participation with sessions on open data, spatial data quality and the NMCA's response to the Covid-19 crisis.
- EuroGeographics was pleased to attend the Seventh Plenary Meeting of the European Region of the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM: Europe) as an observer organisation. The event was organised as a virtual plenary meeting overlapping with the Conference of European Statisticians.
- Updated versions of EuroBoundaryMap (EBM 2020) and EuroRegionalMap (ERM 2020) were released. EBM 2020, which enables users to geo-reference statistical data, also allows them to search the dataset using multilingual geographical names with information from our Regional Gazetteer. Settlements, boundary and hydrography themes, including edge-matching watercourse features along borders, were updated in ERM 2020.

- EuroGeographics Secretary General and Executive Director, Mick Cory was interviewed in the Copernicus In Situ Newsletter. He shared his thoughts on the changing environment for EuroGeographics, and its relationship with Copernicus.

July 2020:

- Our weekly webinar series concluded its spring schedule with the final sessions on geoportals and further examples of NMCA's response to the Covid-19 crisis. The series, which paused for a summer break, attracted around 700 participants.
- EuroGeographics highlighted the role of high value, authoritative, geospatial information in the European Strategy for Data. In our information paper, we warmly welcomed the important development of this overarching data strategy and look forward to contributing to its success by using our experience in facilitating cross border data sharing and re-use of geospatial public sector data.
- EuroGeographics launched an online directory to help users find official geospatial, land registration and cadastral information and maps from Europe. Accessed via our website, users select their country of interest via the online map, and then click on a quick link to the national cadastre portal or geoportal.

August 2020:

- EuroGeographics participated in the tenth session of the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM) which was organised as a virtual event. As an observer organisation, EuroGeographics provided a series of written interventions, engaging positively with the programme of work of UN-GGIM and how this complements and enhances the work of the Association and its members.

Looking forward to the end of 2020:

In September 2020:

- The 2020 Technical Meeting of EuroGeographics Data Producers will be held as a virtual meeting.
- Following a short summer break, the EuroGeographics webinar series will continue in September incorporating our programme of knowledge exchange activities into a broader virtual event schedule.
- The Policy KEN will organise an online meeting on the 10 September focusing on international policy development.

In October 2020:

- EuroGeographics General Assembly 2020 will be held as a series of 4 webinars.
- The INSPIRE Ken will host an online workshop on 1 October to exchange experiences on the implementation of INSPIRE themes in Annexes II and III.
- The Annual EFGS Conference, which brings together mapping and cadastral agencies and statistical organisations, will be hosted for the first time as a virtual event on 20 - 21 October

In November 2020:

- The Quality KEN will organise its autumn plenary meeting as a virtual event.
- The PCC Conference and Plenary meeting in cooperation with EuroGeographics Cadastre and Land Registry KEN is planned to be held in Munich, Germany.

Appendix 2 - Operational Key Performance Indicators (KPIs)

KEY PERFORMANCE INDICATOR	Ref	STATUS (RAG)	STATUS (COMMENT)
1. Representation			
Cooperation with the EU is further developed.	1.1		Responded to consultation on European Strategy for Data; circulated to stakeholders. HVD engagement continued. circulated information to POLKEN members. DG Connect presenting at GA2020; Begun work on a position paper on the INSPIRE directive. Engagement with Eurostat at the operational level at the annual contractual meeting. Presenting to Production meeting. Copernicus in-situ newsletter article published and in situ data coordinator re-engaged. EG support to EEA through E-GEOS under discussion for EEA Copernicus EMS. Letter of support given to PWC for JRC consultancy. EuroGeographics responded to UN-GGIM IGIF and Future Trends consultation; Interventions planned for 10th Plenary.
2. Knowledge Exchange			
Rescope and refocus Knowledge Exchange inline with the agreed strategy. Participation and attendance in KEN activities.	2.1		COVID19 accelerated the implementation of the new KE strategy, a weekly webinar programme ran from April to July and will commence again in September. It has been very successful attracting between 50-70 participants to each online event, and collectively reaching over 700 members. EG has worked in partnership with EuroSDR to provide reading material and online training, the programme has been accredited to a CPD programme, it is providing capacity building opportunities.
3. Facilitate Access to our Members Data			
1. Make ERM available as open data. 2. Achieve a long term sustainable solution for the Data Access and Integration strategy to be approved by members at the GA2020 in Sarajevo.	3.1		In line with the Data Access strategy, data producing members were asked their permission to make ERM and EuroDEM available as open data. Over 50% have already replied positively. Work continues to gain the remaining responses. The Data Access and Sustainability paper was presented to MB in July. Further work has been carried out to incorporate feedback and detail the actions required to take this forward. A sustainability report for Open Maps for Europe project, to be completed and submitted by the end of 2020.
4. Membership and Communications			
1. Retain the existing membership. 2. Grow membership where practical to encompass all eligible organisations.	4.1		Membership has remained stable since the beginning of 2020, at 61 members with Bulgaria still in abeyance. Due to COVID19 engagement and communication our members has been critical and online networking has increased substantially, this is something that will be continued in the long term.
5. Association Management			
1. Deliver a new Association strategy that is approved by members at the GA2020 in Sarajevo. 2. Maintain a team with the right competencies and motivation to deliver the Association's strategy. 3. Maintain a balanced budget.	5.1		The 2020-2023 Draft Strategy was presented to MB in July. The strategy has been finalised and will be presented, alongside the Operational plan, Budget and Subscriptions, to members for approval at the GA2020. The predicted outcome for 2020 shows that EuroGeographics will be able to add to its reserves at the end of the year. Due to COVID-19 cost saving have been made due to travel restrictions and the requirement to hold events on-line. Lessons learnt from the period of time are reflected in the 2021 budget which shows membership income covers the core membership activities of representation and knowledge exchange.