

An aerial photograph of a rugged, mountainous landscape. The terrain is covered in a mix of vibrant colors, including deep purples, bright greens, and earthy yellows, suggesting different geological formations or vegetation. The lighting is dramatic, with strong shadows and highlights that emphasize the texture and contours of the land. The overall scene is one of natural beauty and complexity.

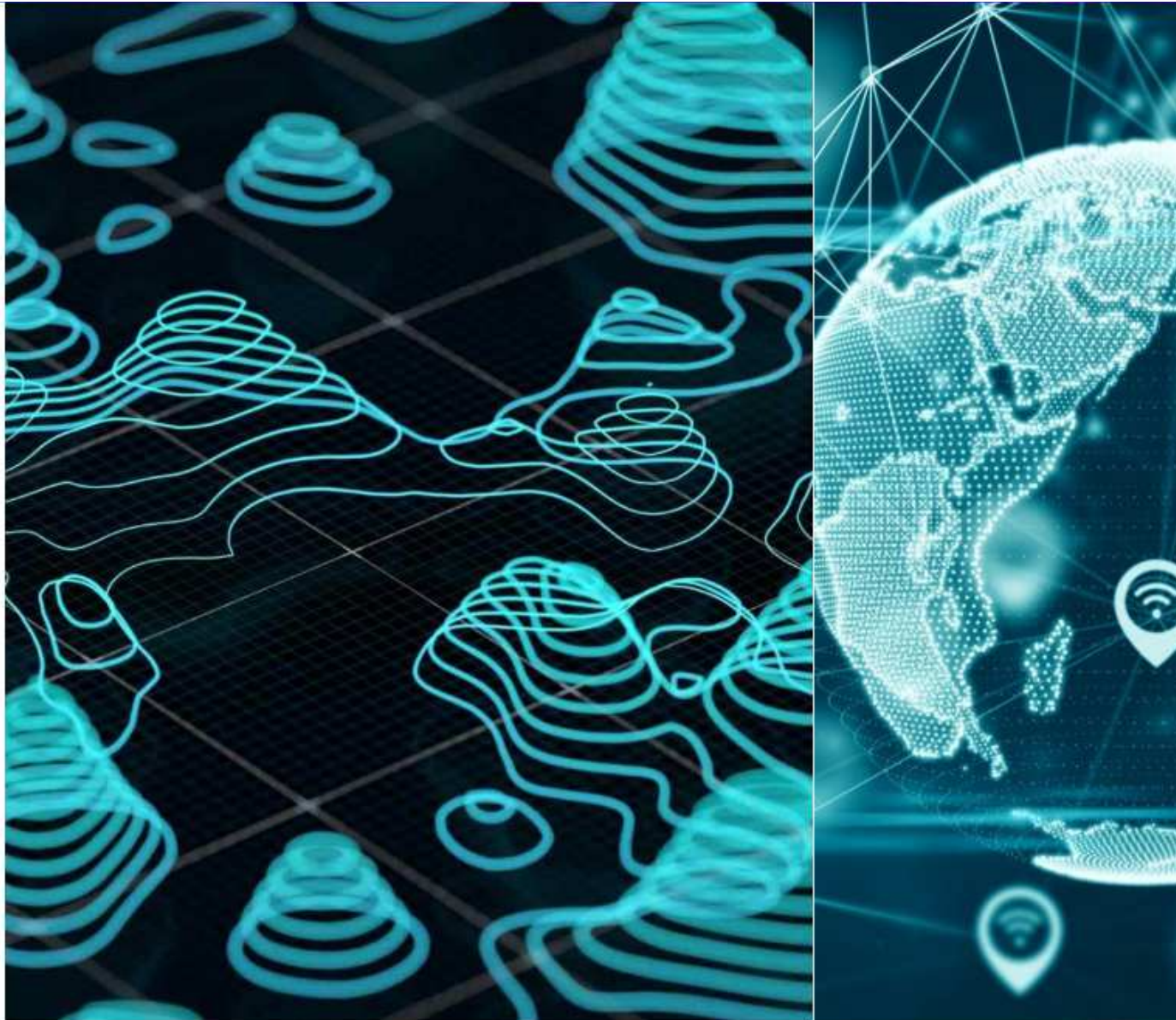
Leave no one, **NO WHERE**, behind

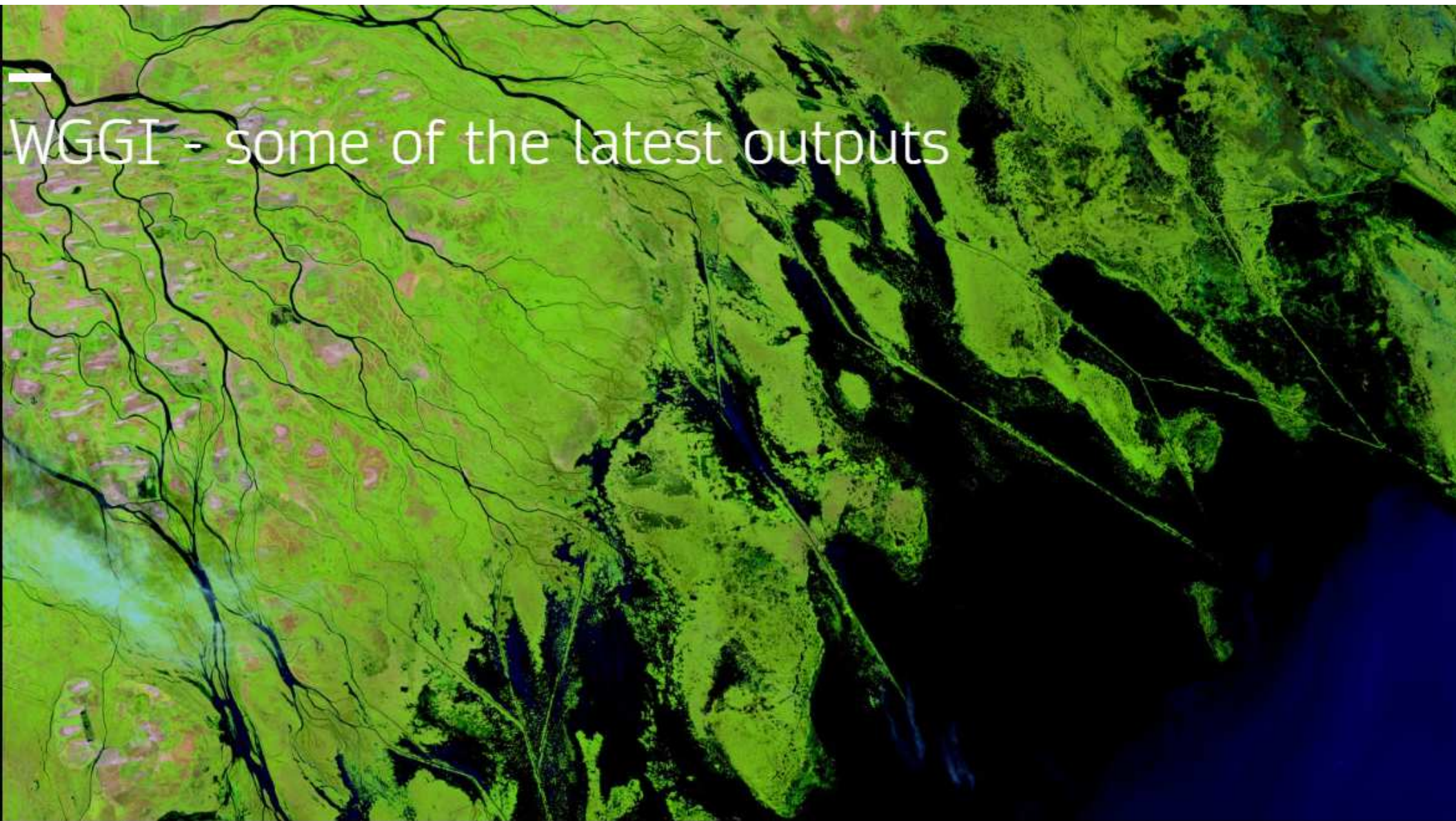


— Integration of geospatial information and statistical data will be particularly important for the production of several indicators (SDGs Report 2019)


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The combined geospatial and statistical expertise of the WGGI positions it to facilitate and support a “data ecosystem” for measuring and monitoring the SDGs.

UNGGIM 7th session, August 2017





WGGI - some of the latest outputs

A satellite-style map of a mountainous region, likely in the Alps, showing a prominent river valley winding through the terrain. The mountains are dark green and brown, while the river valley is a lighter, sandy color. The text is overlaid on the left side of the map.

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WGGI needs to '**recalibrate**' and align to the emerging needs of the IAEG-SDGs and to increase interaction with the statistical community

IAEG-SDGs expressed concern that the WG is not sufficiently connected to their work: members are mostly from the geospatial community (little representation from the statistical community) -8th meeting

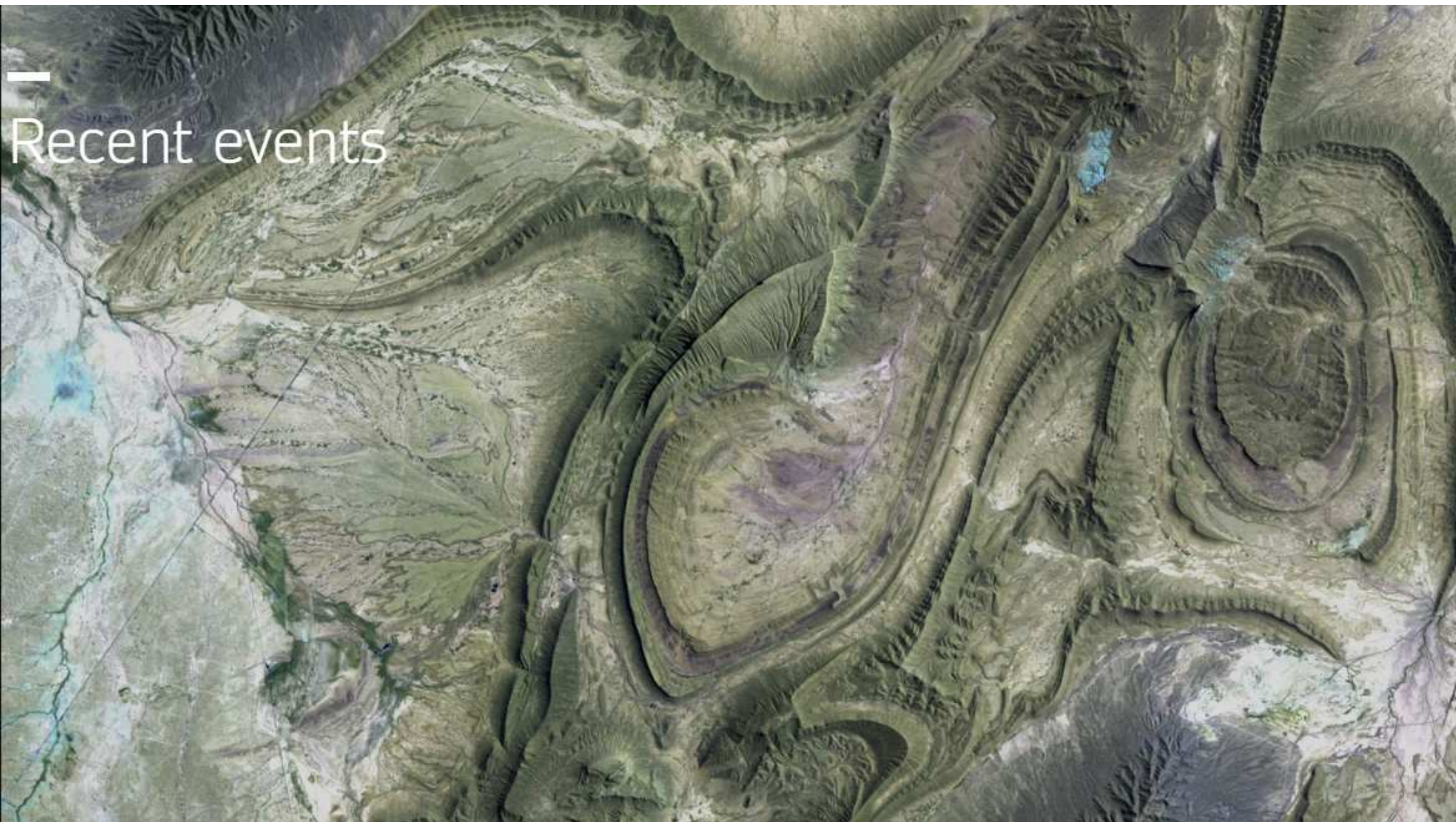
IAEG-SDGs decided to prepare specific guidelines for the WGGI: suggests to revise its terms of reference, memberships and work programme -9th meeting

The ToRs have been updated (July 2019) and are intended to bring about better coordination and working relationship between the IAEG-SDGs, the WG and custodian agencies



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The revised ToRs provide the objectives, governance, tasks, membership of the Working Group





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Recent events

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- Ms. Marie Haldorson (Statistics Sweden) has stepped aside as co-Chair
 - Mr. Kevin McCormack, from Central Statistics Office, Ireland joined as new co-Chair

The co-Chairs, Working Group, and Secretariat offered thanks to Marie for her leadership and conveyed their well wishes in her new role and responsibilities within Statistics Sweden

Co-chairs have initiated conversation to revise its membership considering the new defined membership of the IAEG-SDGs.





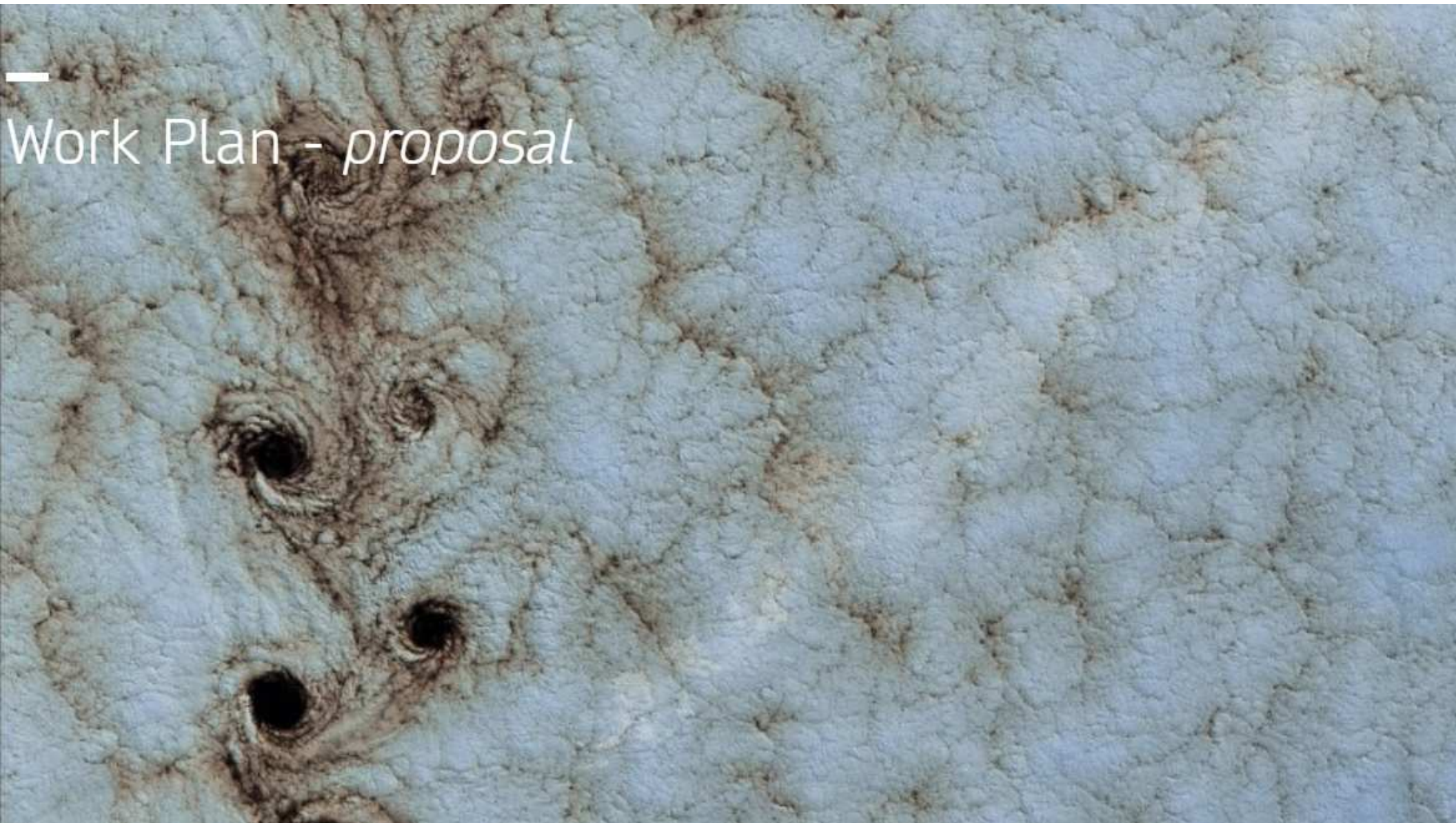
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WGGI - new terms of reference & new work plan



Specific Objectives

- Provide expertise and advice to the IAEG-SDGs, custodian agencies and the larger statistical community as to how geospatial data, Earth observations and other new data sources can reliably and consistently contribute to the production and dissemination of the indicators.
- Review options and provide guidance to the IAEG-SDGs, as to the role of national statistical offices (NSOs) in considering geospatial data and Earth observations, as a mean to contribute to and validate datasets as part of official statistics for SDG indicators.

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Work Plan - *proposal*



The work plan will be presented to the IAEG-SDGs for endorsement

Short term (6 months)

- Reconstitute membership
- Review shortlist
- Showcase: develop story telling documents that detail 2 - 3 indicators the WG worked on
- Identify specific communications and coordination mechanisms

Longer term

- Develop guidance and recommendations regarding the use of frameworks and how they help in the production of indicators
- Identify interlinkages among relevant groups
- Enable broad consultation and promotion of the outputs of the WGGI





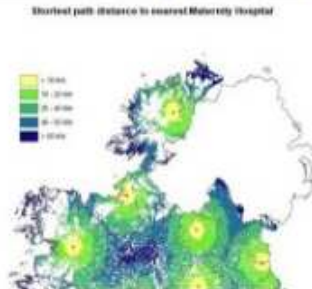
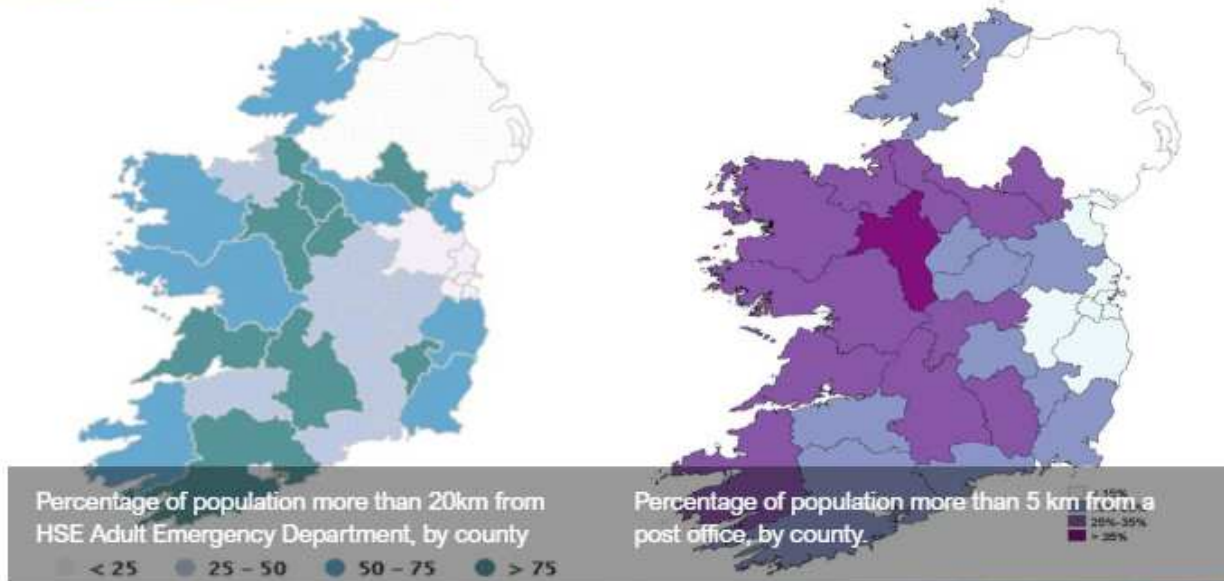
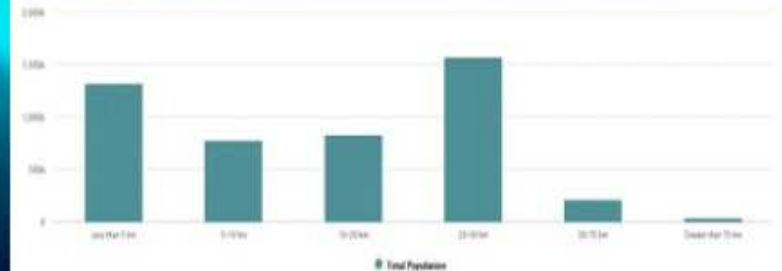
Examples - Geospatial and Statistical data integration

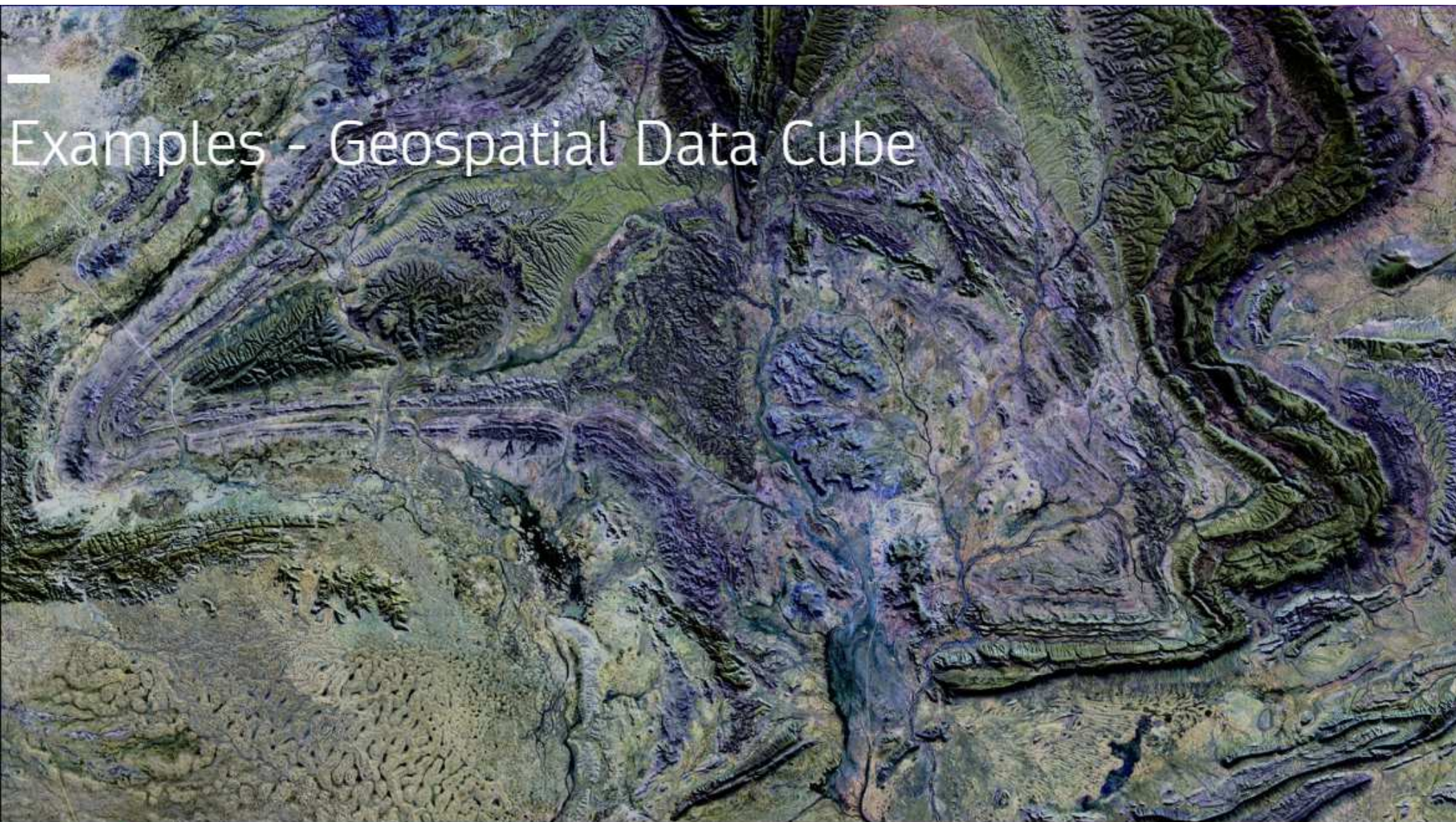
IRELAND

From a *not very interesting, statistical graph on the distance of population to the nearest emergency department* to this *very informative and easily understood map with county as the geography layer*.

Geo-statistical dataset allows proximity analysis

CSO geocoded 2016 Census dataset with Ordnance Survey Ireland's (OSi) central database of spatial information, PRIME2





Examples - Geospatial Data Cube

MEXICO

National cover: *one pixel at a time*

Machine Learning Techniques applied for:

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Land cover classification -SDG
indicator 15.4.2

Water Observations from
Space -SDG indicator 6.6.1

Urban growth (SDG 11)



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Initiatives



WGGI welcomes the IAEG-SDG commissioning work to be undertaken working group

■ We aim to use story telling documents to communicate, promote, and disseminate the work of the WGGI as widely as possible, so it can be used to support the production of indicators.

