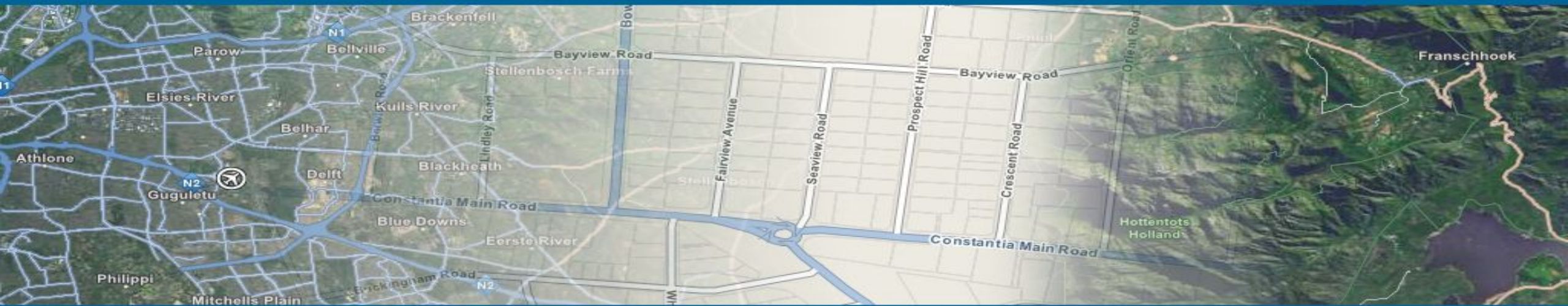


# ISO/TC 211 Geographic information/ Geomatics for OGC Code Sprint November 9<sup>th</sup>, 2021

Peter Parslow, ISO/TC 211 chair-elect



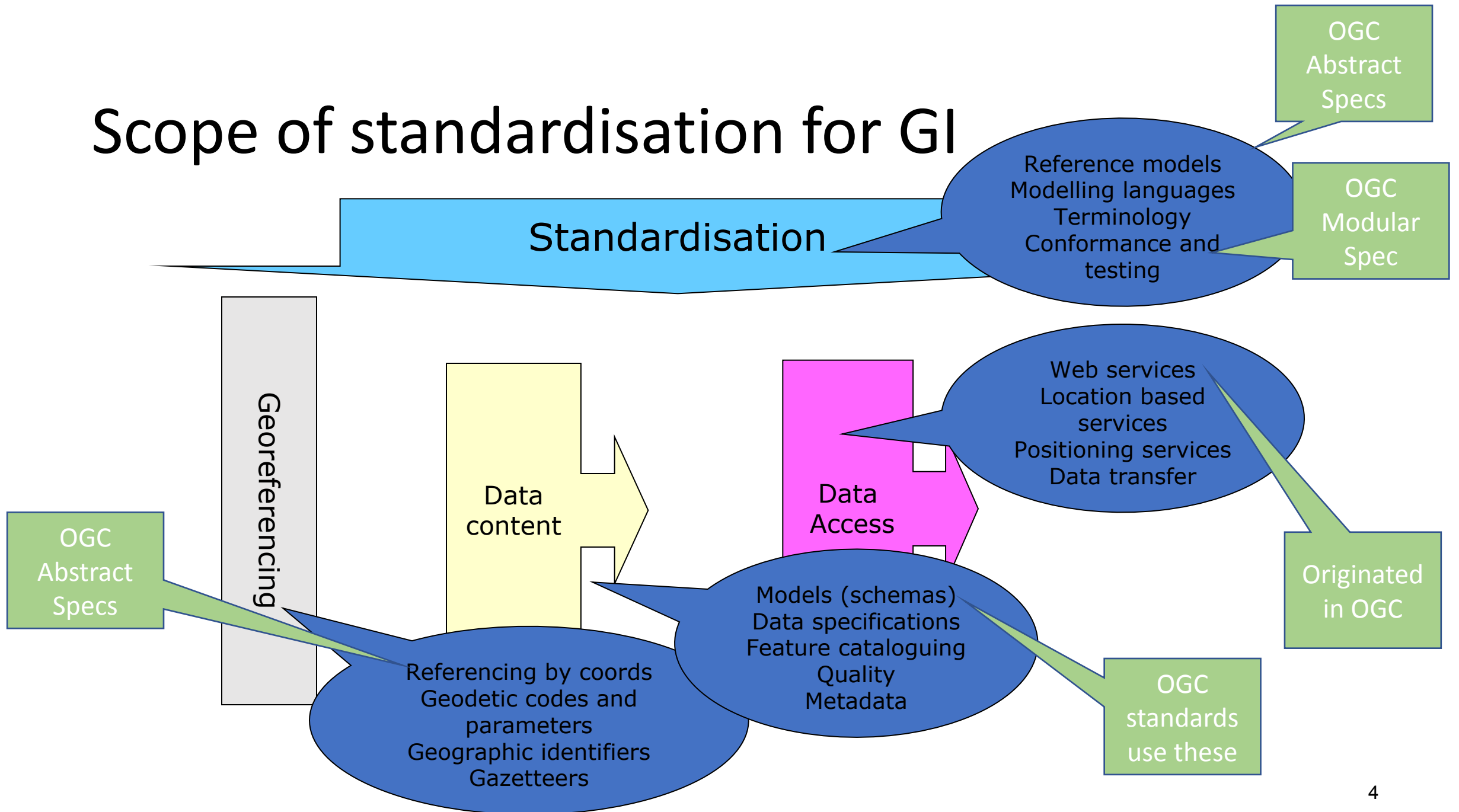
# Aim of ISO/TC 211...

- Develop a family of international standards to:
  - support the understanding and usage of GI
  - increase the availability, access, integration, and sharing of geographic information,
  - enable inter-operability of geospatially enabled computer systems
  - contribute to a unified approach to addressing global ecological and humanitarian problems
  - ease the establishment of geospatial infrastructures on local, regional and global level
  - contribute to sustainable development

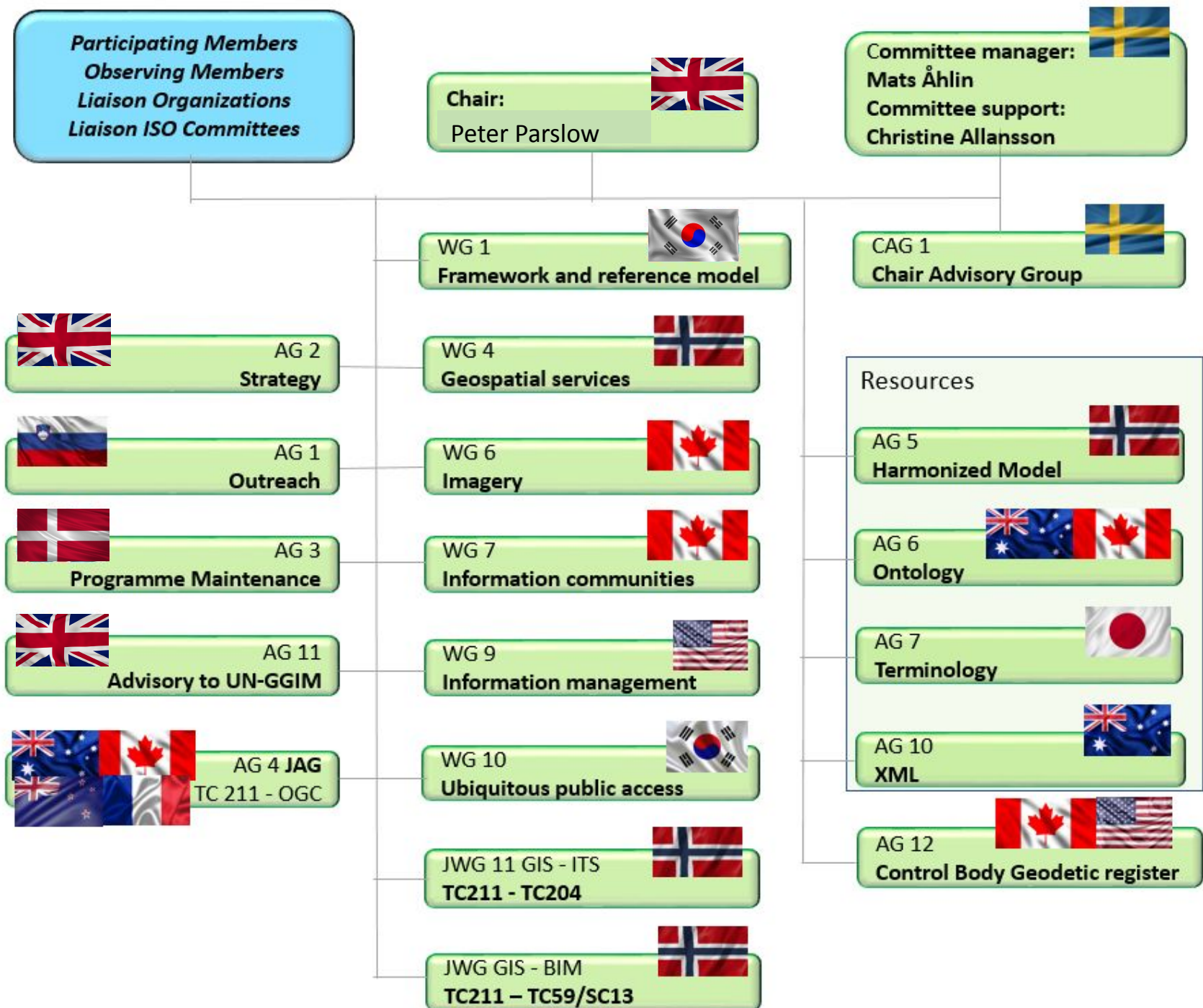
# Work of ISO/TC 211

- Standardising in the field of digital geographic information.
- Standardization in the field of digital geographic information.  
This work aims to establish a structured set of standards for information concerning objects or phenomena that are directly or indirectly associated with a location relative to the Earth.
- methods, tools and services for data management
- including definition and description of data and services
- acquiring, processing, analysing
- accessing, presenting and transferring

# Scope of standardisation for GI



# TC211 Organisation





# ISO/TC 211 – some active countries

Australia

Canada

Chile

China

Denmark

Finland

France

Germany

Japan

Republic of Korea

Malaysia

Netherlands

New Zealand

Norway

Poland

Portugal

Russian Federation

South Africa

Slovenia

South Africa

Sweden

Thailand

United Kingdom

United States of America

# Other TC211 resources and transparency

- [ISO Online Browsing Portal](#) – some free content
- [Committee website](#) – do read the “good practice” pages and project lists
- [TC211 wiki](#) (hosted by International Cartographic Association)
- [UML Models](#)
- [TC211 on GitHub](#) (some resources, and for reporting issues)
- XML Schemas: <https://schemas.isotc211.org/> (migrating from <http://standards.iso.org/iso>)

# ISO 19168 Geospatial API for features

- Same as OGC API Features

Part	OGC status	ISO status
1: Core	Published Oct 2019 (Revision in progress)	Published
2: Coordinate Reference Systems by Reference	Published Nov 2020	Out for public comment to Feb 2021
3: Filtering and the Common Query Language (CQL)	Draft	<i>Yet to be proposed</i>
4: Simple Transactions	Draft	<i>Yet to be proposed</i>