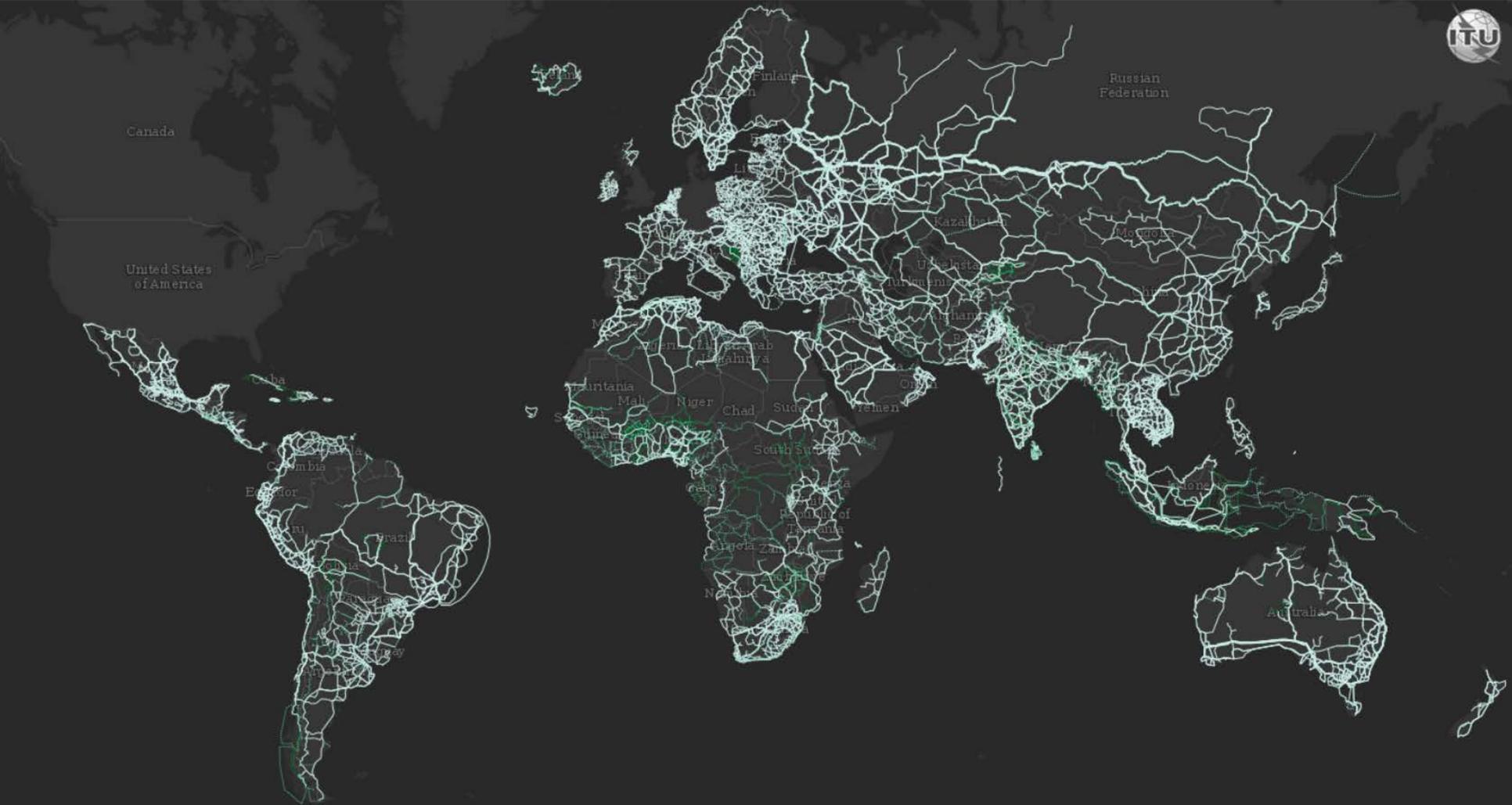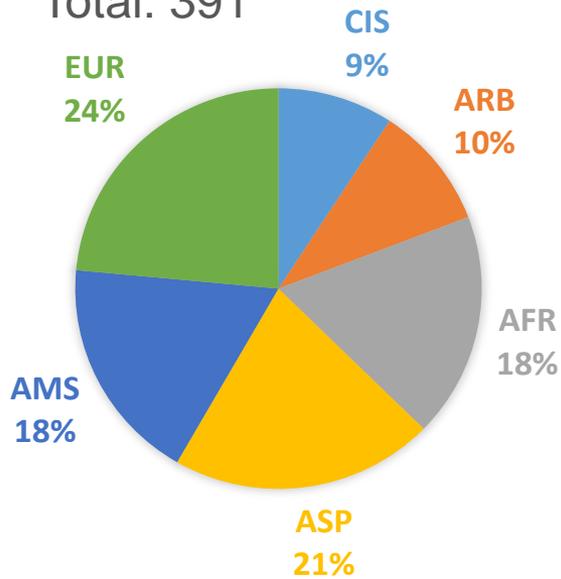# ITU INTERACTIVE TRANSMISSION MAPS

Istvan Bozsoki
Head, Telecommunication Networks and Spectrum Management Division

BACKGROUND

- The Interactive Transmission Maps are an ICT–data mapping platform that since 2013 is taking stock of national and international backbone connectivity

- Optical fibres, microwave links and satellite earth stations) as well as of other key metrics of the ICT sector.

Map Figures

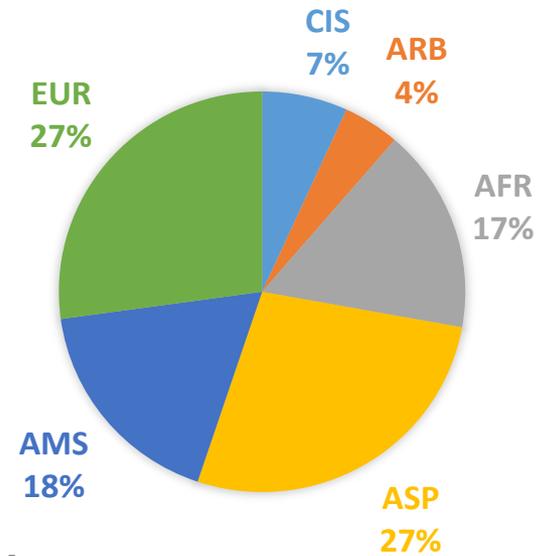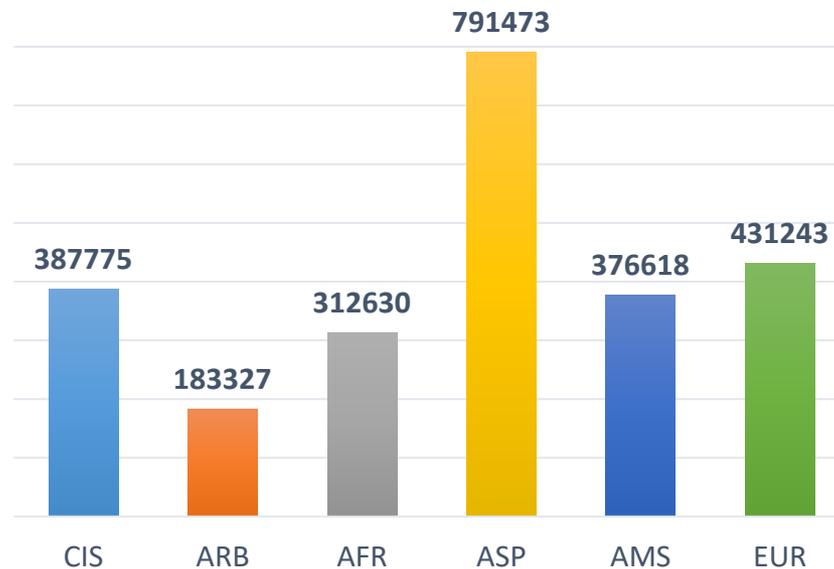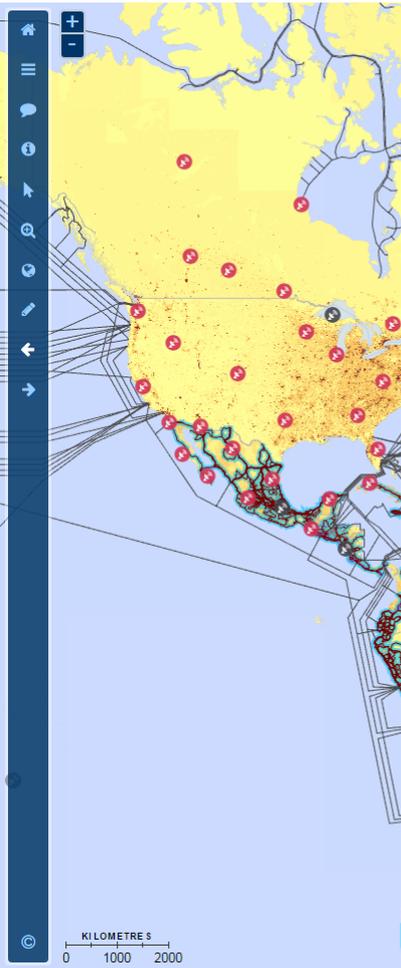## NETWORK OPERATORS
Total: 391

- EUR 24%
- CIS 9%
- ARB 10%
- AFR 18%
- ASP 21%
- AMS 18%

NODES
Total: 17.770

- EUR 27%
- CIS 7%
- ARB 4%
- AFR 17%
- ASP 27%
- AMS 18%

Route km draw   Total: 2.45 bi Km

CIS	ARB	AFR	ASP	AMS	EUR
387775	183327	312630	791473	376618	431243

ITU Interactive Transmission Maps
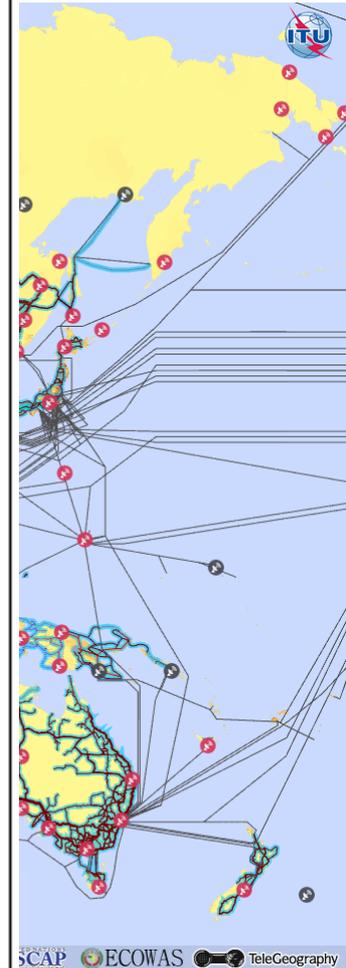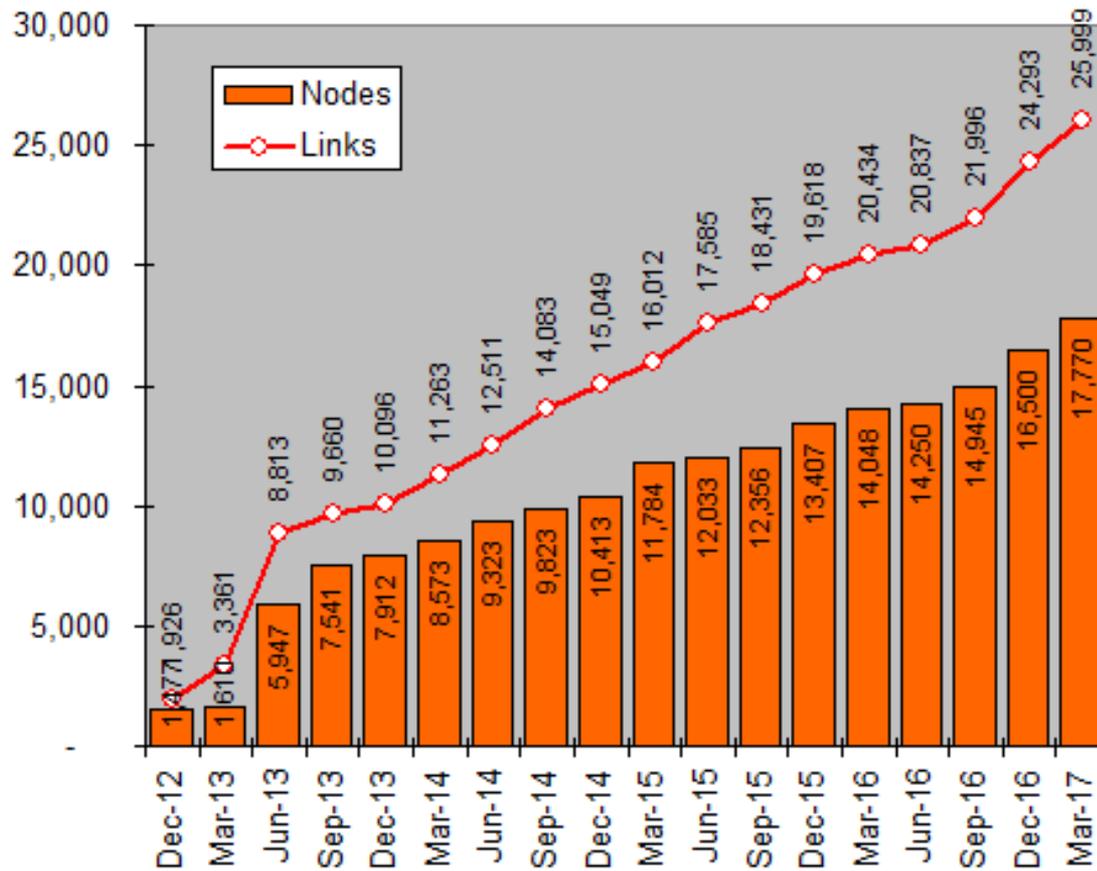
MAP DEVELOPMENTS

- Beginning of ICT Mapping
- Work progress – Graphical improvements
- Map perspectives
- Research Status in Europe
- Future Plans

Maps are around since long time

Work Progress
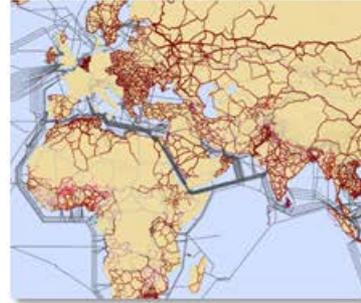# Graphical improvements
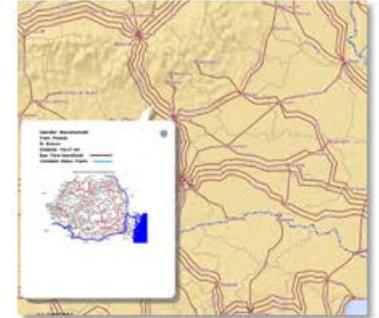
Map perspectives
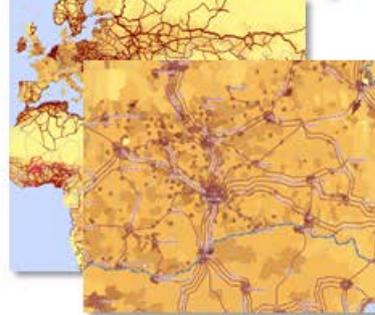

UN Map

Natural Earth

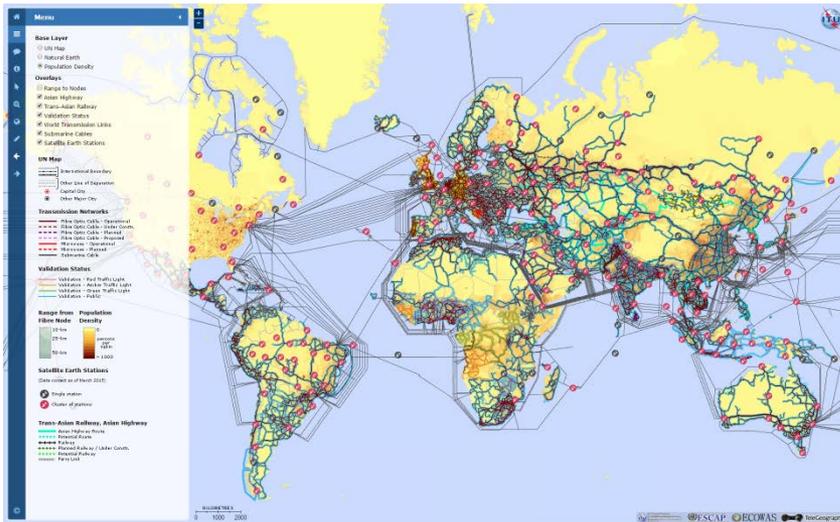Submarine Cables

World transmission Links

Validation Status

Population Density

Distance to Nodes

Satellite Earth Stations

Research Status in Europe

Europe, April 2017

Total Links and Nodes, Europe
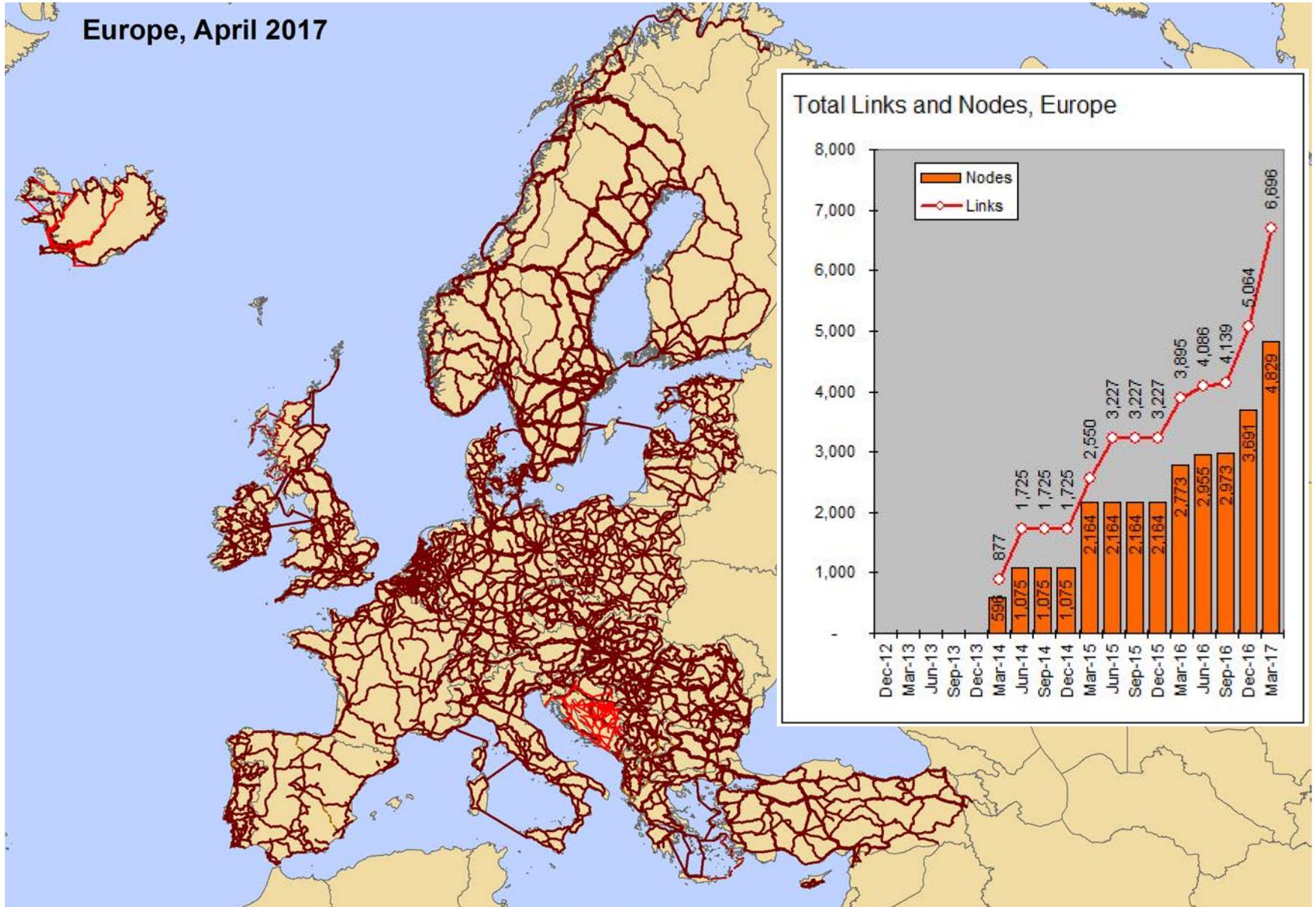
FUTURE PLANS

- Graphical and interactive improvements
- New information (e.g. IXP)
- New layers with ITU broadband statistics: ICT Eye (https://www.itu.int/net4/itu-d/icteye/)
- Network Planning and investment analysis (infrastructure algorithm)

Thank you

For more information, please access:

http://itu.int/go/Maps

email: Maps@itu.int