

4 YEARS BELGIAN EARTH OBSERVATION

Closure

Jean-Christophe Schyns and Joost Vandenabeele

Brussels - 13/05/2025



Going back in time

2025



1985



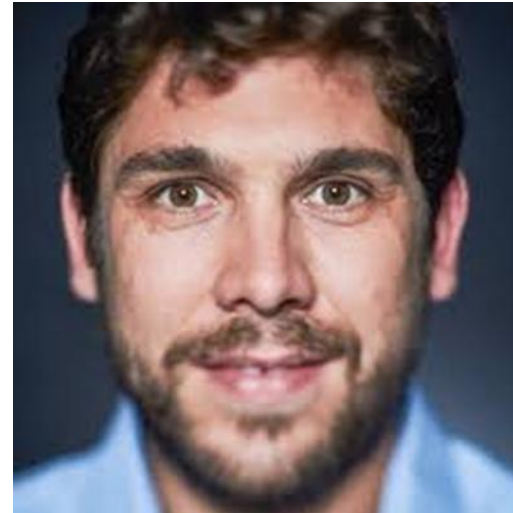
A long journey

First project 1985



- FAGEM
- *Agrohydrologie*

Most recent project 2025



- VITO
- *Drone-based phenotyping for experimental fields*

► Approval programme: Nov 30, 1984

1984 1986 1988 1990 1992 1994 1996 1998 2000 2001

TELED/
TELSAT I



TELSAT II



TELSAT III



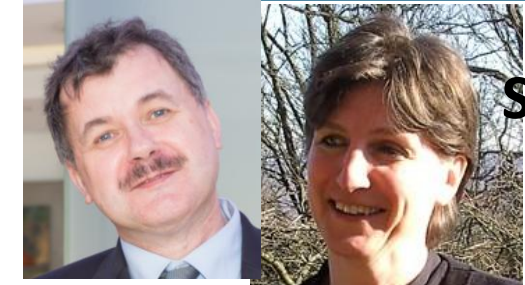
TELSAT IV





2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 | 2019 | 2021 | 2023 | 2025

STEREO I



STEREO II



STEREO III



STEREO IV



VG

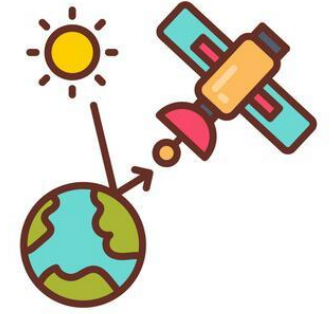
ORFEO



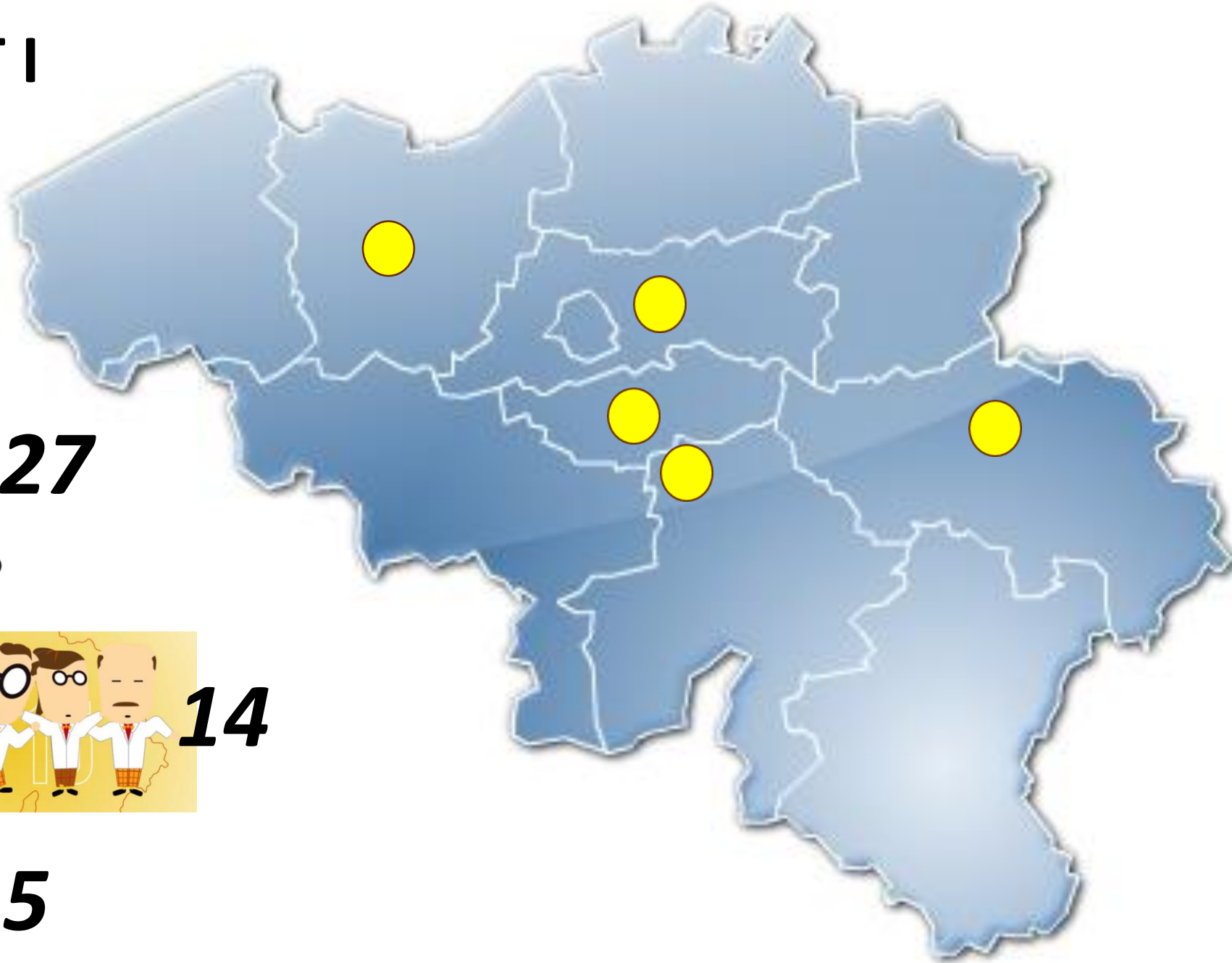
PROBA-V PP



TELSAT I



SPOT



27

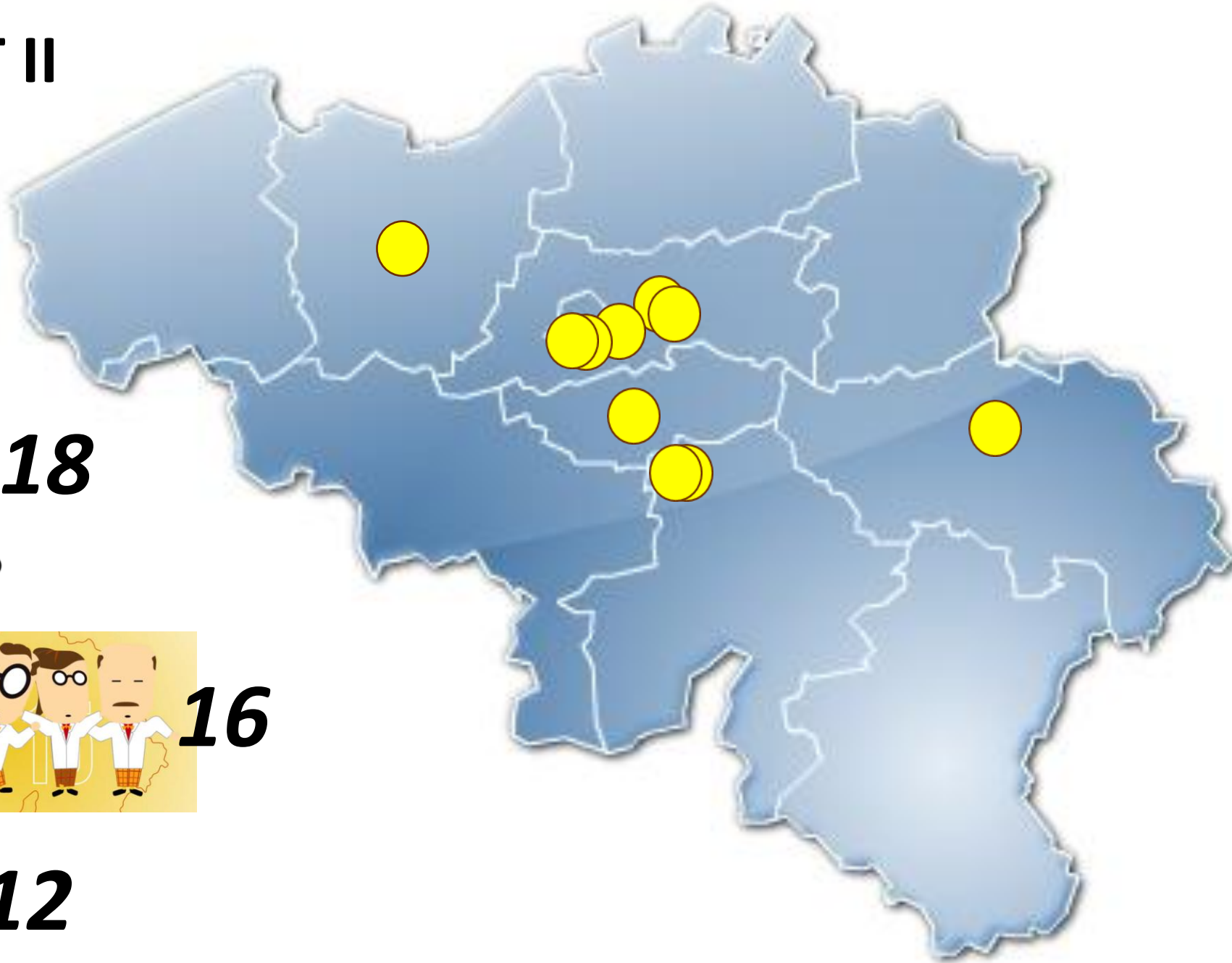


14



5

TELSAT II



ERS



18

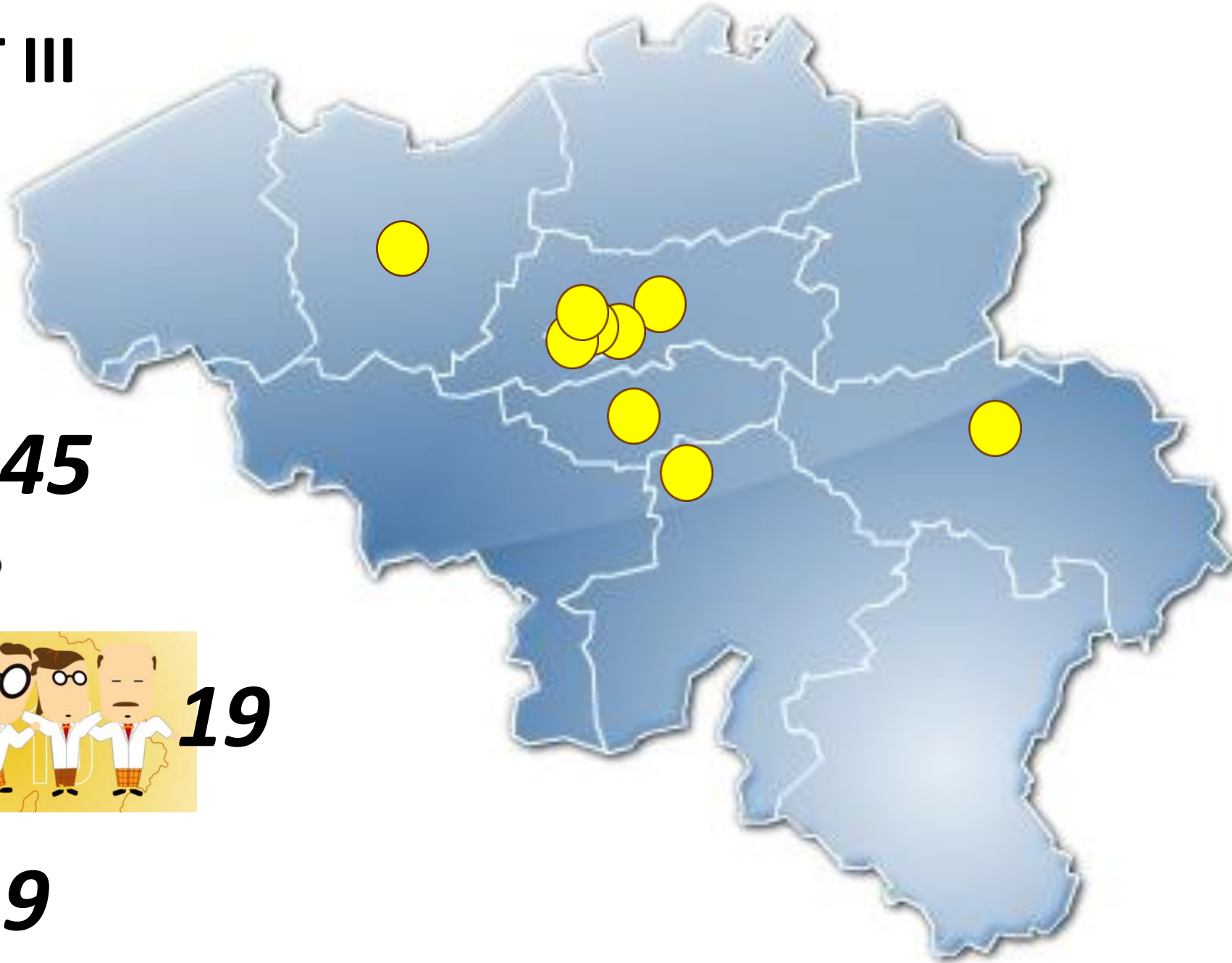


16



12

TELSAT III



45

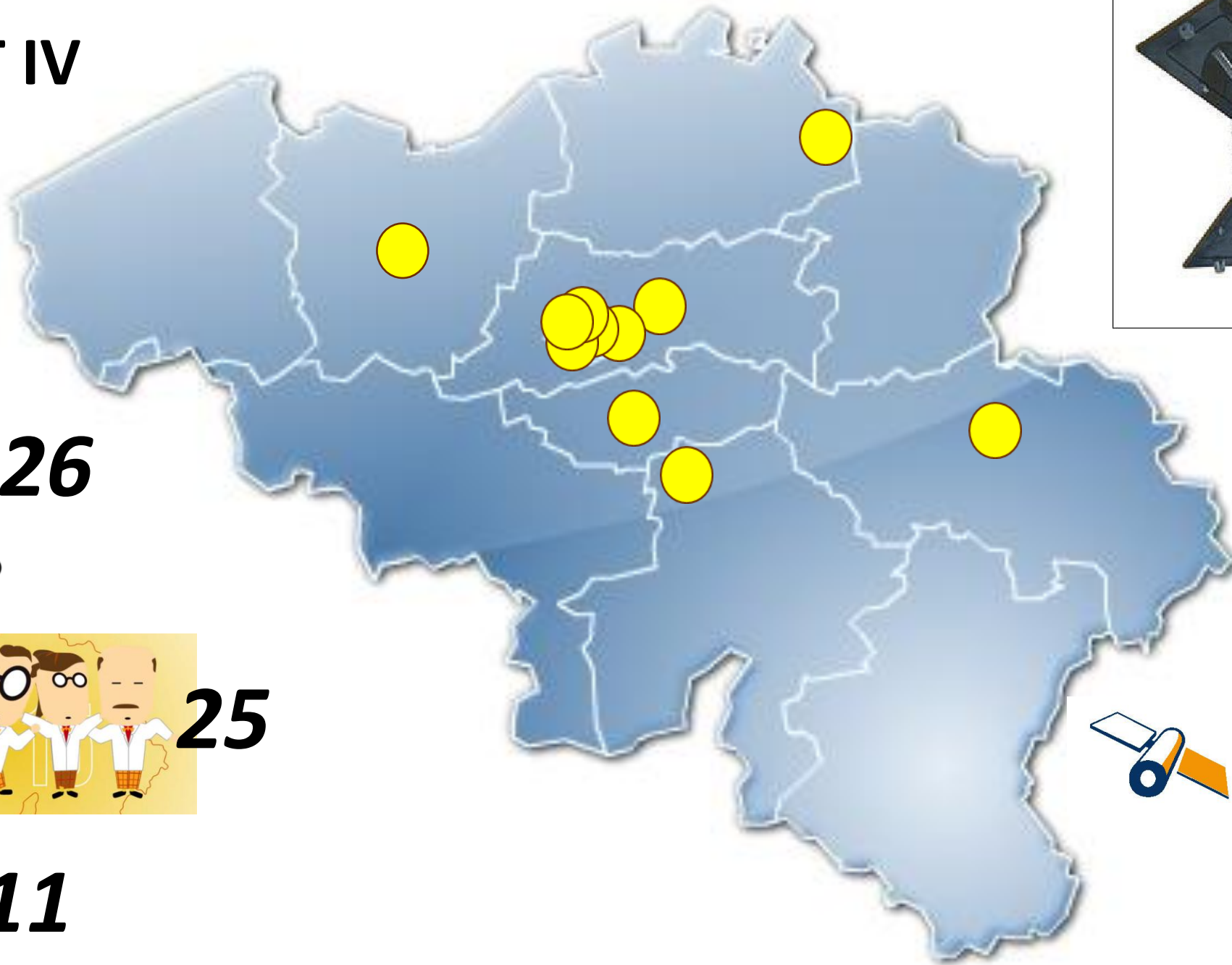


19



9

TELSAT IV



VHR



26



25



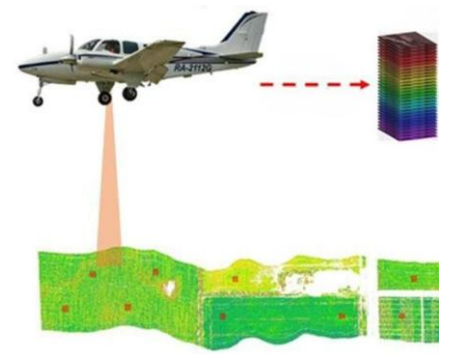
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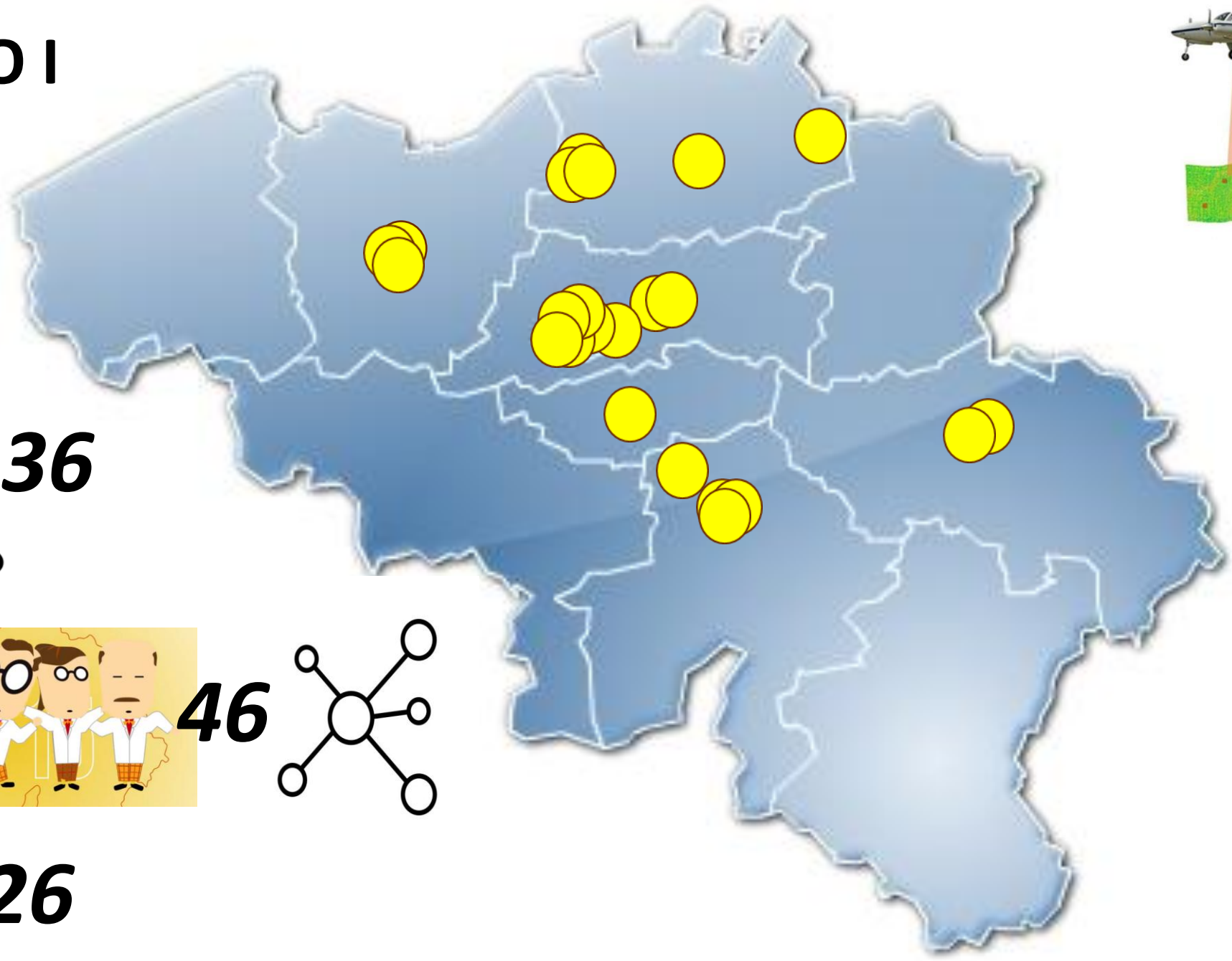
**Belgian Earth
Observation Platform**

EODesk

STEREO I



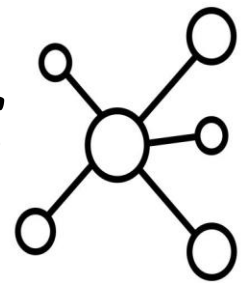
*Airborne
Hyperspectral*



36

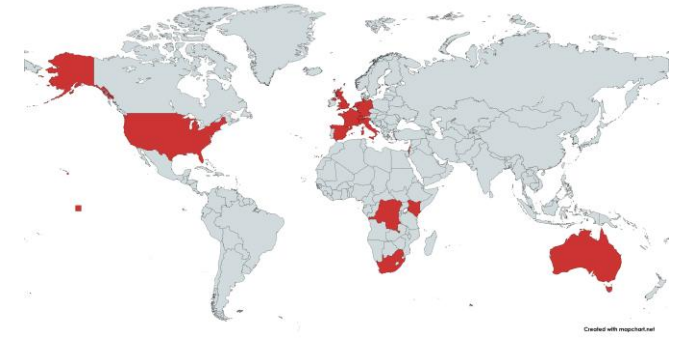
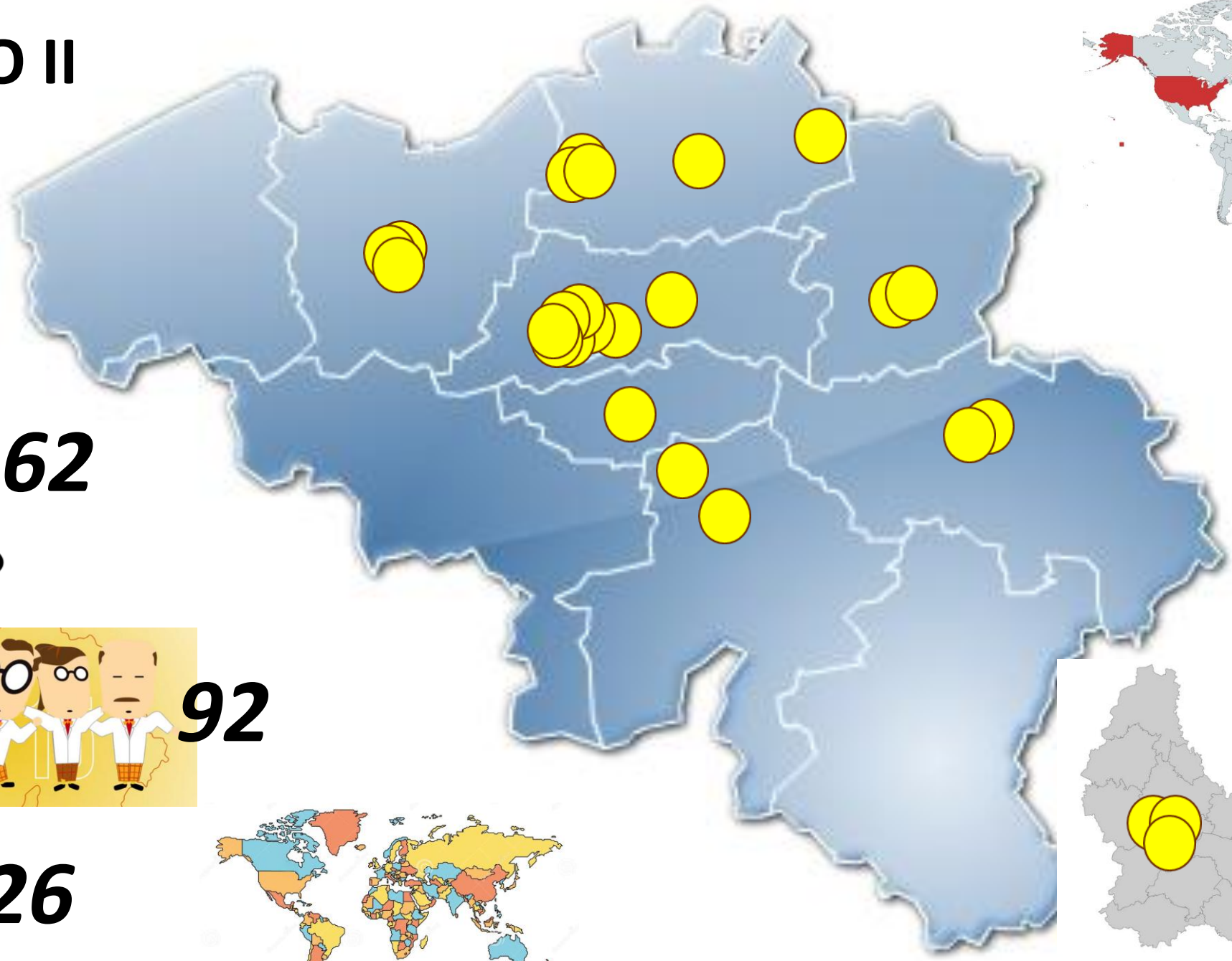


46



26

STEREO II



45 partners



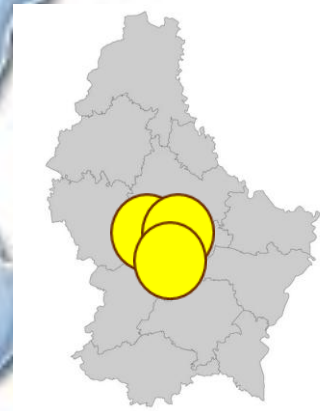
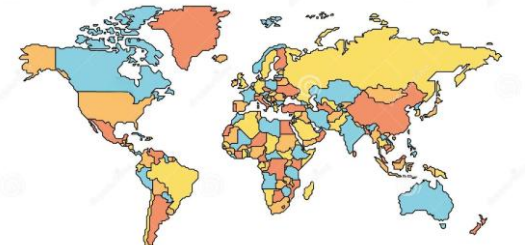
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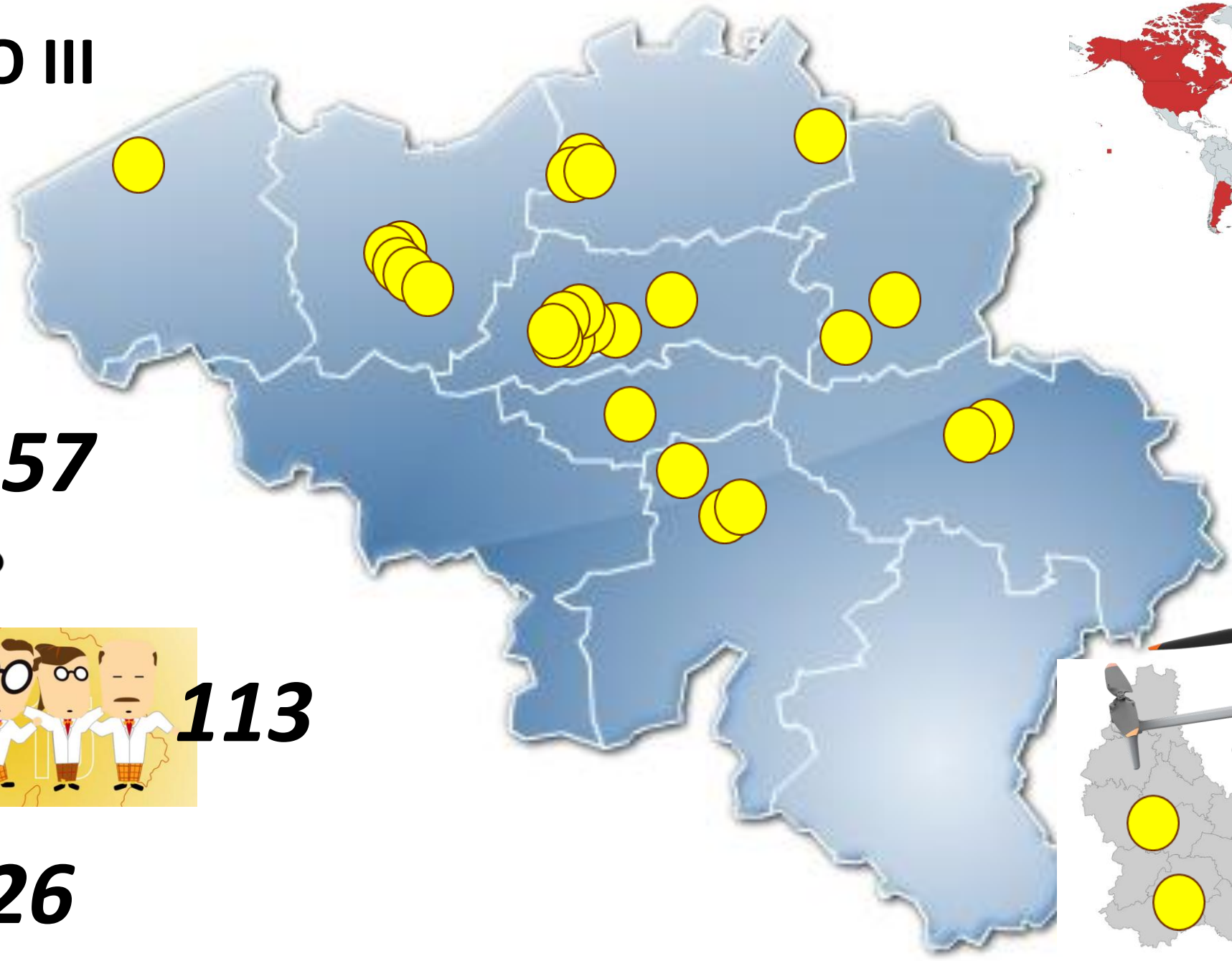
92



26



STEREO III



57 partners



57



113



26



STEREO IV

- Duration: **2022-2029**
- **Objective:** Building topnotch, dynamic and visible RS community

Thematic priorities:

- Impact of climate change on terrestrial/marine environments
- Advanced Monitoring and Assessment of Hazards
- Environmental health and biodiversity
- Sustainable and Green Cities



Methodological priorities

- AI and deep learning
- Big data exploitation
- Use of multimission and multi-scale data



