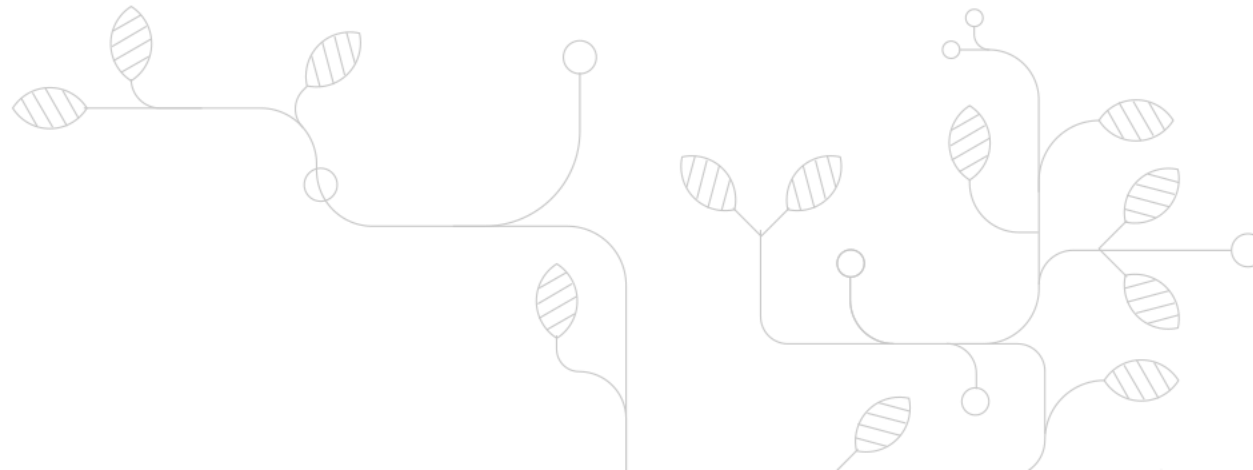


Emanuele Barreca

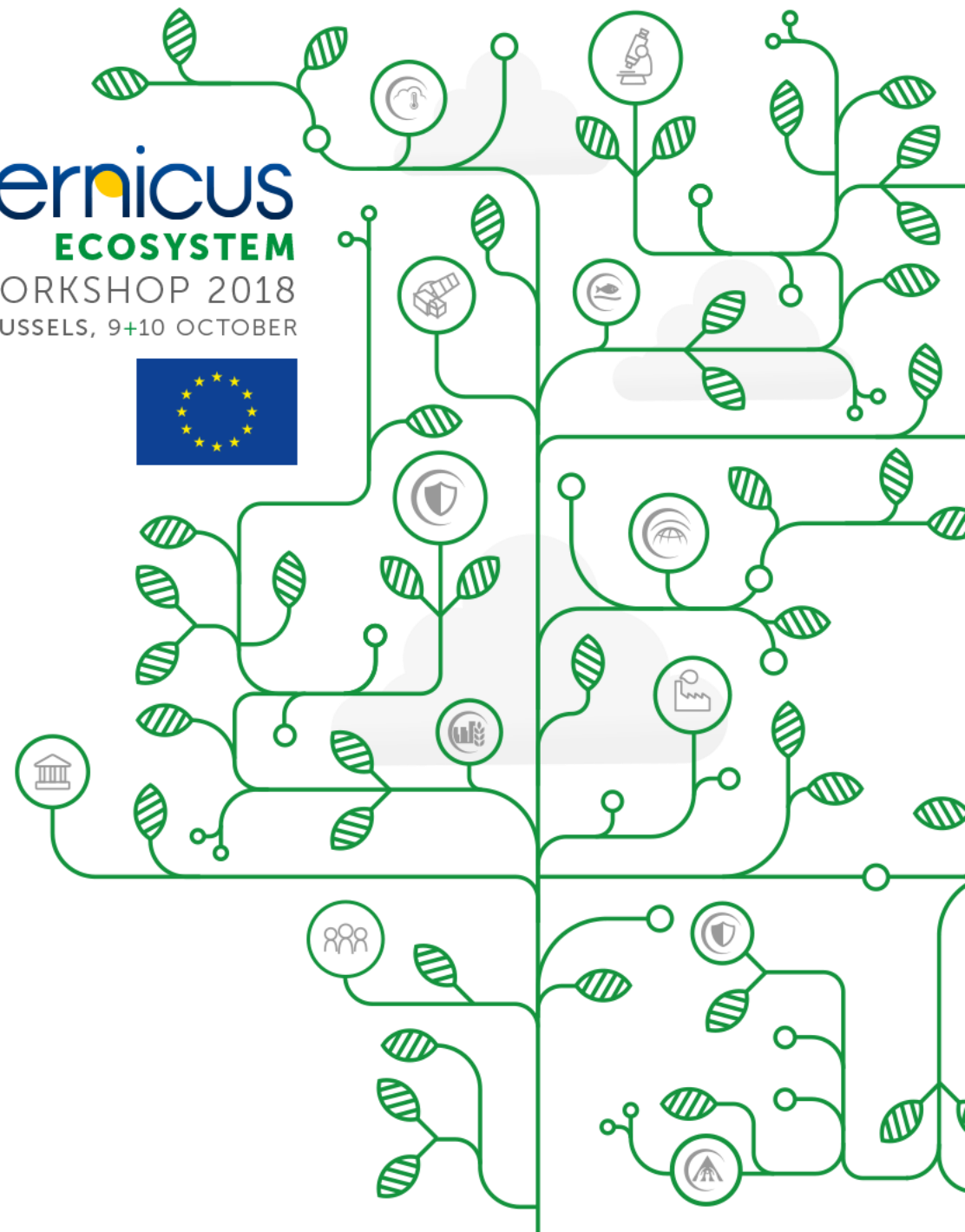
DG GROW, European Commission



Copernicus User Uptake

Emanuele Barreca
DG GROW-I.3
European Commission

 **Copernicus**
ECOSYSTEM
WORKSHOP 2018
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Maximizing the benefits of Copernicus

Space Strategy for Europe – October 2016:

"The potential of space solutions has not yet been fully exploited (...) The space sector needs to be better connected to other policies and economic areas."

Proposal for a Regulation on the EU Space Programme – June 2018:

"The EU Space programme shall (...) maximise the socio-economic benefits, including by promoting the widest possible use of the data, information and services provided by the Programme"



Enhancing skills gap-filling

- **"Interdisciplinary space curricula"**. Secondary level and university curricula (masters and post graduate applied research) enhancing “ready-to-go” workers (i.e.: cartography and visualization, multiple data modelling and manipulation, geo-computation, geospatial data, business management, law, etc.).
- **"Transversal skills trainings"** allowing transfer of knowledge from Key Enabling Technologies such as Artificial Intelligence, biotech, nanotech.
- **"New learning methodology and tools"**. Innovative educational models and digital tools enhancing cooperation, co-working, new approaches (i.e.: coding).



Copernicus ecosystem building initiatives

- **DIAS (Data Information Access Services)** platforms
- **Copernicus Entrusted Entities** Users Uptake measures ("Service focused")
- **Copernicus Relays and Academy** acting as local ambassadors or Copernicus (more than 200 members).
- **Copernicus start-up and skills programmes**
- **Framework Partnership Agreement with Member States**, to jointly finance and organise user uptake activities
- **Stakeholders consultation and involvement** (EARSC, Eurospace, etc...)



The Copernicus Start-up Programme

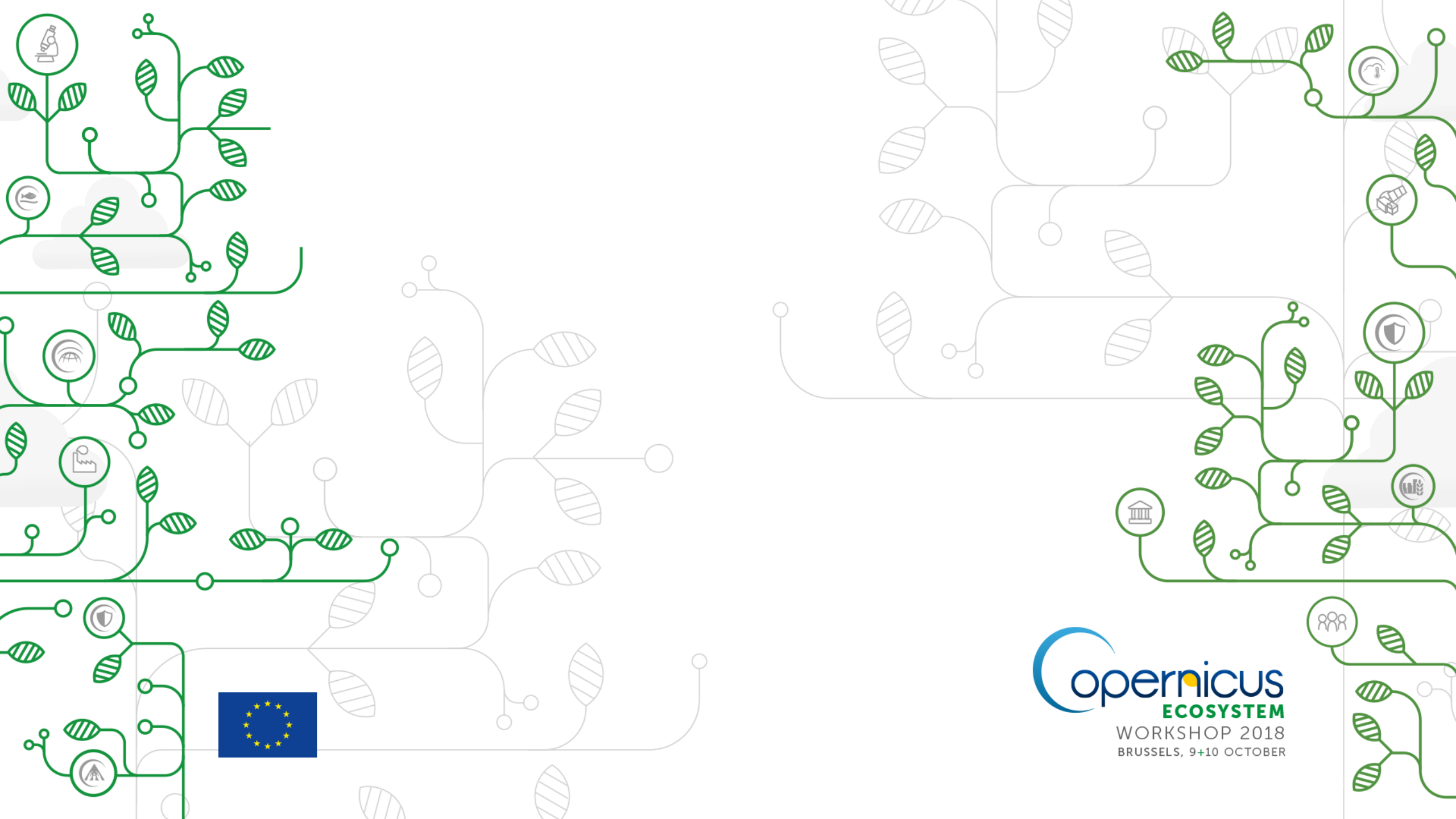
- **Copernicus Masters:** a competition of start-ups, over €1 Million prize pool.
- **Copernicus Accelerator:** a coaching programme that has already supported more than 100 start-ups.
- **Copernicus Incubation Programme,** finances the incubation of 20 start-ups per year (50k per start-up).
- **Copernicus Hackathon Programme,** finances the organisation of 20 hackathons per year (20k per hackathon)
- **Internationalisation of SMEs,** Ongoing COSME projects with 2 networks of EO clusters.



The Copernicus Skills Programme

- 1 grant - **Climate KIC** – INNOSPACE – 1 y – 350k € (2017-18)
 - ✓ Climathon
 - ✓ Journey summer school
- 2 grants - **KIC Raw Material** – RAW MAT COP ACADEMY: 1 y – 250k € (2017-18), 3ys – ~1M € (2018-20)
 - ✓ Post-doc applied research scholarships, placements on companies, summer school
- Blueprint action 1: **E4GEO - Partnership for geospatial skills development**: ERASMUS+ sectorial skills alliance - 4 ys project – 4 Mio € (started JAN 2018)
- Blueprint action 2 : **COSME skills for space geo information sector**: awareness campaign & professions matching events in universities – 1y – 800k € (under evaluation)
- **RUS – Research Users Support Service** – trainings, capacity for applications development & technical support
- **H2020 projects**, synergies with Marie Curie programme





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