

The Policy and Market Context for International Space Resources Development: **European Perspective**

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Dr. Olga Stelmakh

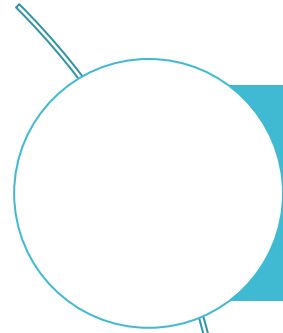
Postdoctoral Fellow in Space Governance

McGill Institute of Air and Space Law

European States
are different and
not all of them
are conservative

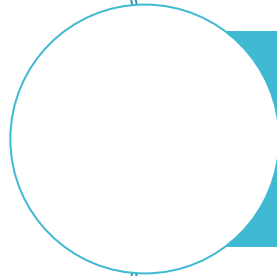
This presentation could have started with the assumption that Europeans are conservative and lack entrepreneurial spirit ...

but **NO!**



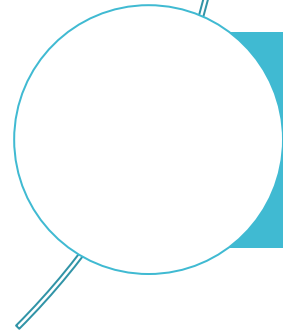
Belgium

(EU – center of decision-making)



Netherlands

(ESTEC – center of R&D)

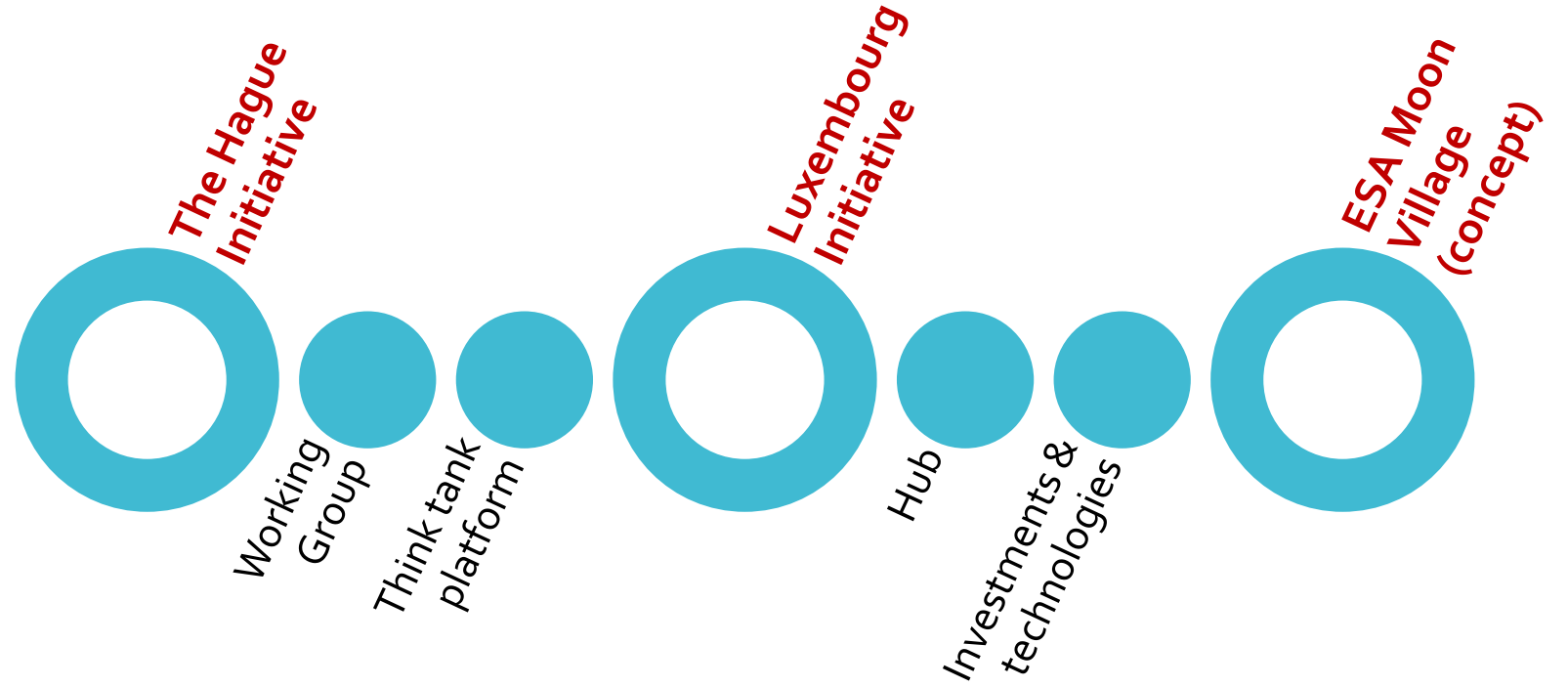


Luxembourg

(HQs of several satellite operators and financial institutions)

European Initiatives

/ open for international participation /



Hague Space Resource Governance Working Group

FORUM to discuss and propose solutions for the lack of a legal framework for the use of space resources found on asteroids and other celestial bodies

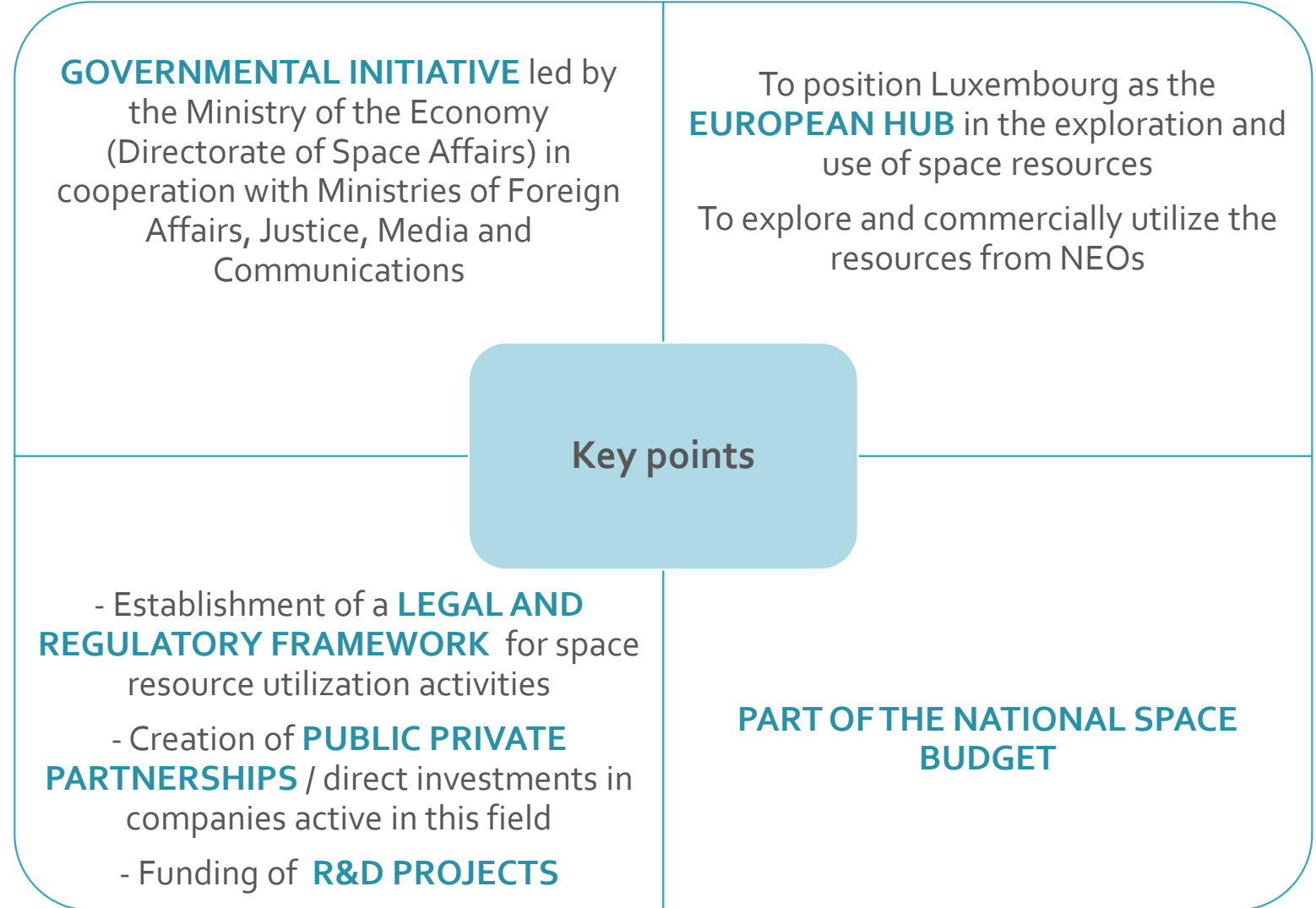
Major stakeholders - governments, international organizations, industry, academia and NGOs
Consortium of organizations **FROM EACH CONTINENT**

Key points

To **ASSESS THE NEED FOR A REGULATORY FRAMEWORK** for space resource activities and to prepare the basis for such regulatory framework

Focus on identification and formulation of **BUILDING BLOCKS FOR THE GOVERNANCE** of space resources activities (as of today 18)

Luxembourg Space Resources Initiative



ESA Moon Village



- Jan Woerner's (ESA DG) proposal - people working and living together on the Moon; quest for exploration and 3D printing in space
- To combine the capabilities of different space-faring nations, with the help of robots and astronauts
- Not limited to science, but considers **POSSIBILITY OF BUSINESS VENTURES** like mining or tourism

Concluding remarks

- It is not only about **LAW**, but also ...
economy, policy and technologies
- It is not only about **STATES**, but primarily ...
private initiatives
- It is not only about **ALLOWING** or **PROHIBITING**, but mainly ...
defining governing regime and creating legal certainty

Thank you for
your attention!

/ picture courtesy of ESA /

