

# Space for energy, mobility and climate neutral cities

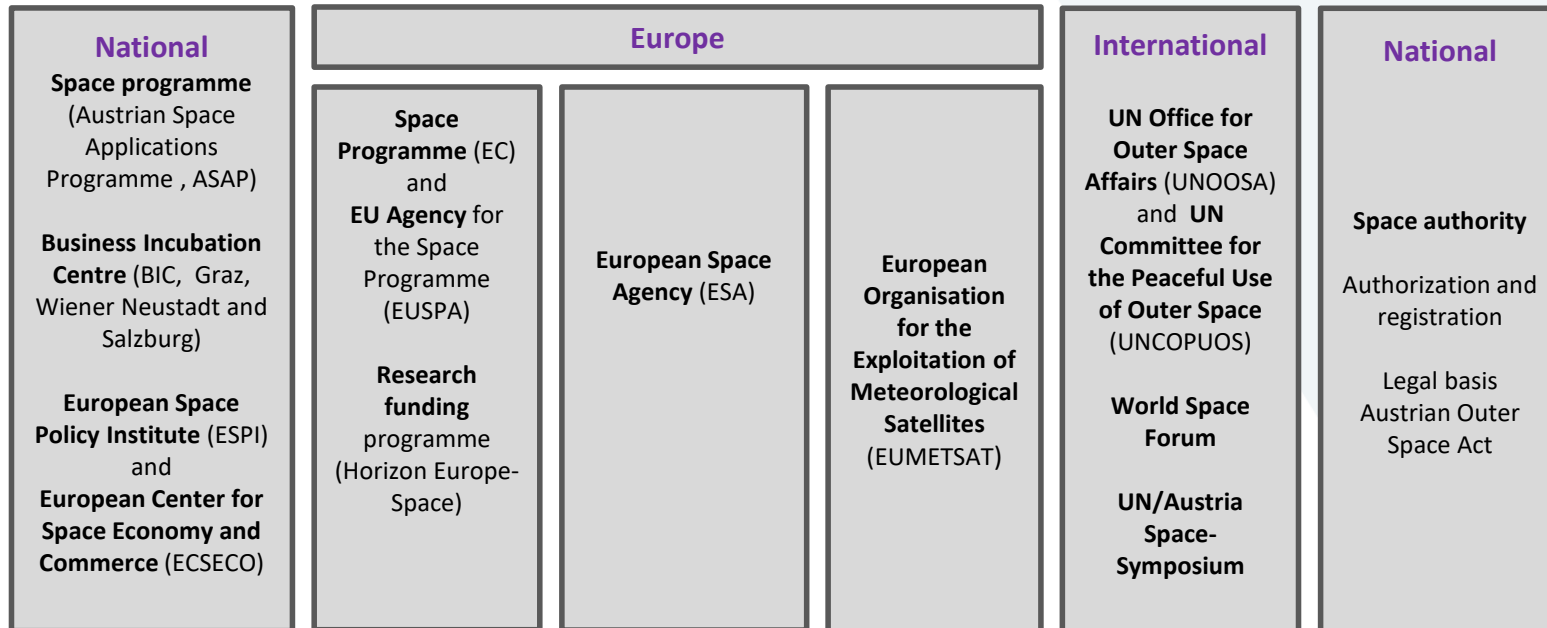
## UN/Austria Symposium 2022

Sophie Hoffmann  
Austrian Federal Ministry for Climate Action  
III – Directorate General for Innovation & Technology  
6 – Department for Space Affairs and Aviation Technologies  
Vienna, 15 September 2022

## The Austrian Space Sector

- 200 companies and research institutions
- Over 1.500 employees
- Annual turnover around 140 million EUR per year
- This year: 35 year membership anniversary at the European Space Agency

## Department for Space Affairs & Aeronautics and Space Agency



**Austrian Space Strategy 2030+**

# Austrian Space Strategy 2030+



Space for energy, mobility and climate neutral cities

## Austrian Space Strategy 2030+



- Dynamic European and global environment
- Supporting sustainability goals
- Further strengthening of expertise
- How does Austria position itself in the new space sector?
- How to bring actors from other sectors into the space sector, and how to strengthen cooperation?
- Austria's role as a space diplomacy location

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## Austrian Space Strategy 2030+



- 6 strategic targets
  - Sustainable development on Earth and in Space
  - Competitive Space Sector
  - Scientific Excellence
  - Space for all Areas of Life
  - Talents and Diversity for Space
  - Public Dialogue on Space

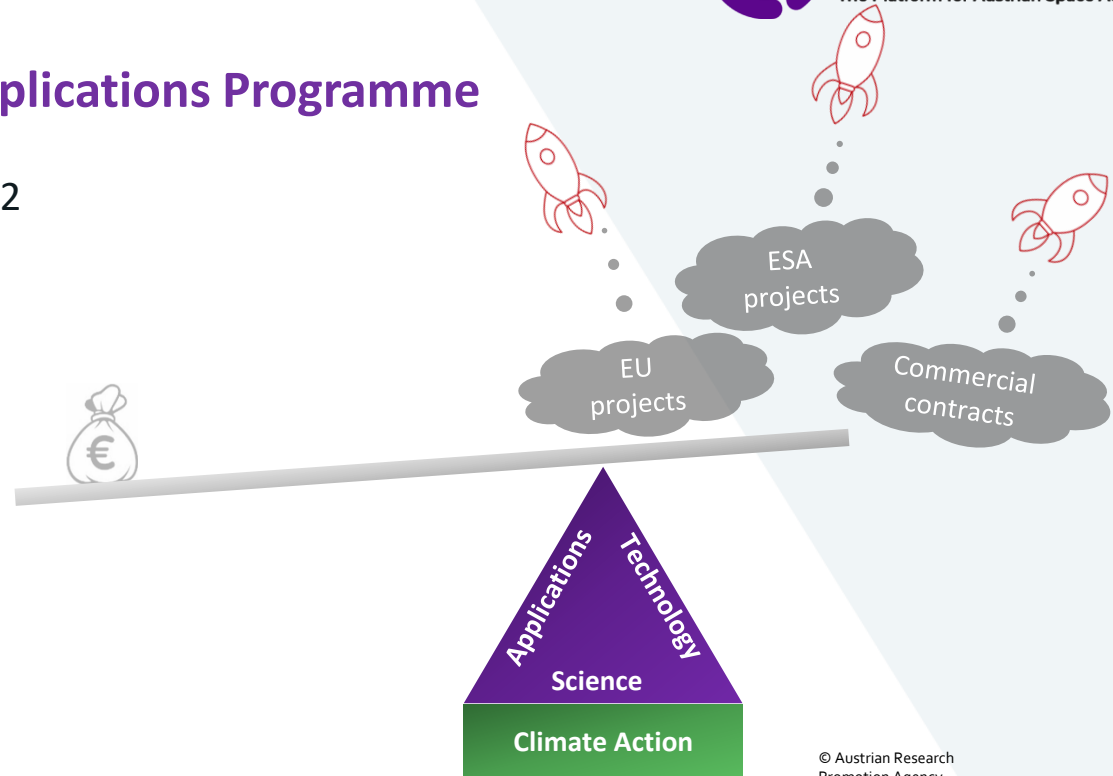
A copy of the strategy can be downloaded [here](#).

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## ASAP – Austrian Space Applications Programme

- 800 funded projects since 2002
- 130 million EUR
- Leverage effect








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Promotion Agency

## ASAP – Austrian Space Applications Programme

- Current fall call (opening 21 September 2022)

### Classic ASAP focuses

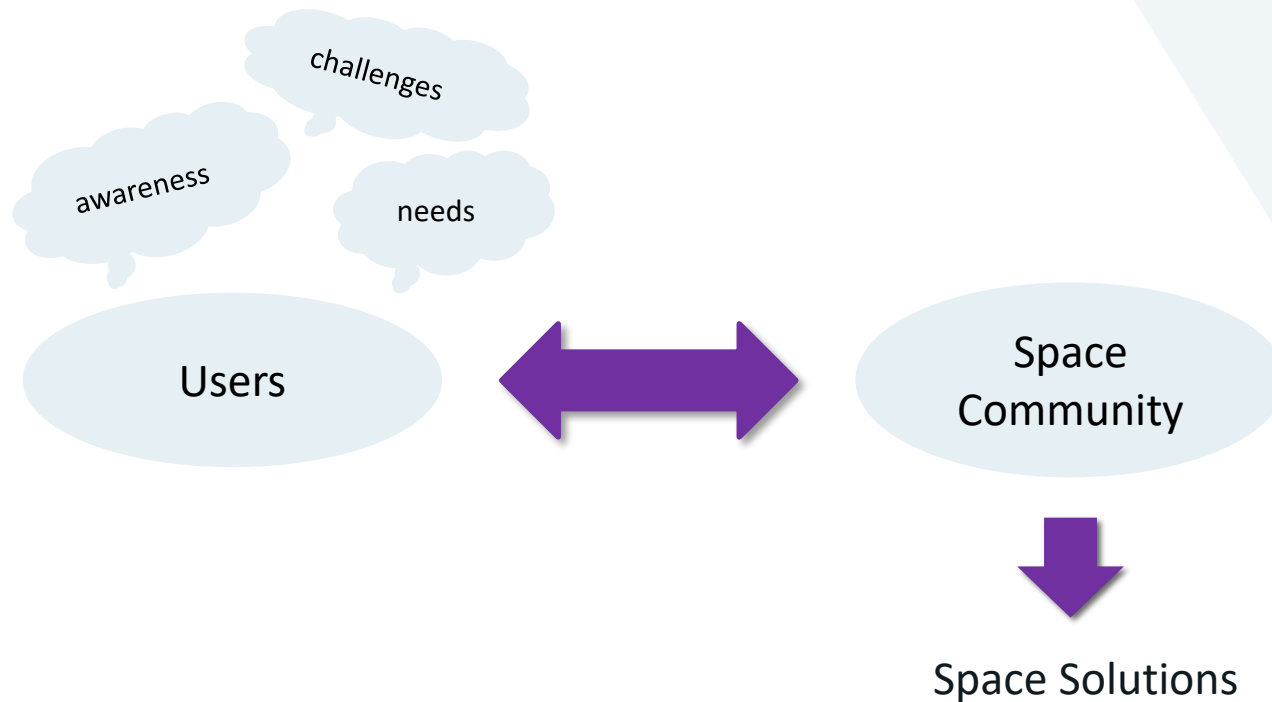
-  Applications for satellite-based technologies
-  Space sciences and exploration
-  Technologies for space flight
-  ~ 9 mio. €
-  September - December 2022

### New ASAP focuses

-  **Mobility transition**
-  **Energy transition**
-  **Circular economy**
- Climate neutral city**



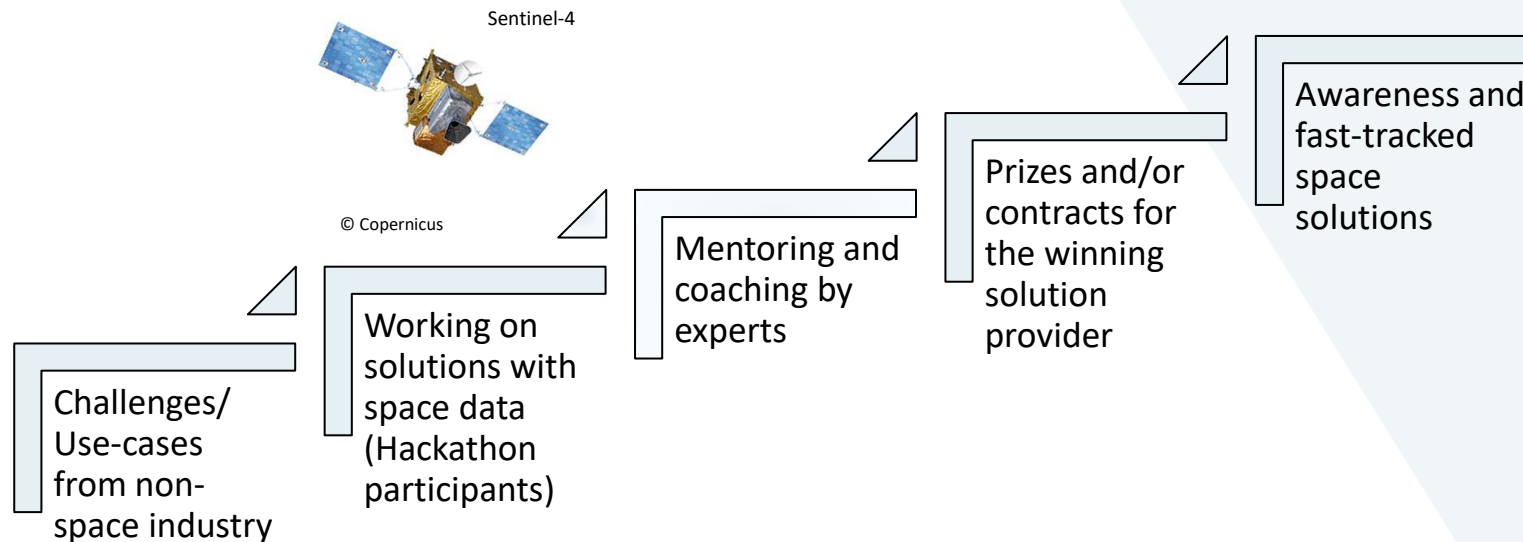
## Stakeholder Workshops



## Hackathons

- Fast track for space-based solutions
- Mobilizing startups and young professionals
- Matching user requirements with supply of (to be developed) space solutions
- Awareness for possible other users

# Space4Mobility Hackathon



## Space4mobility Hackathon – use case by A|S|F|i|N|A|G

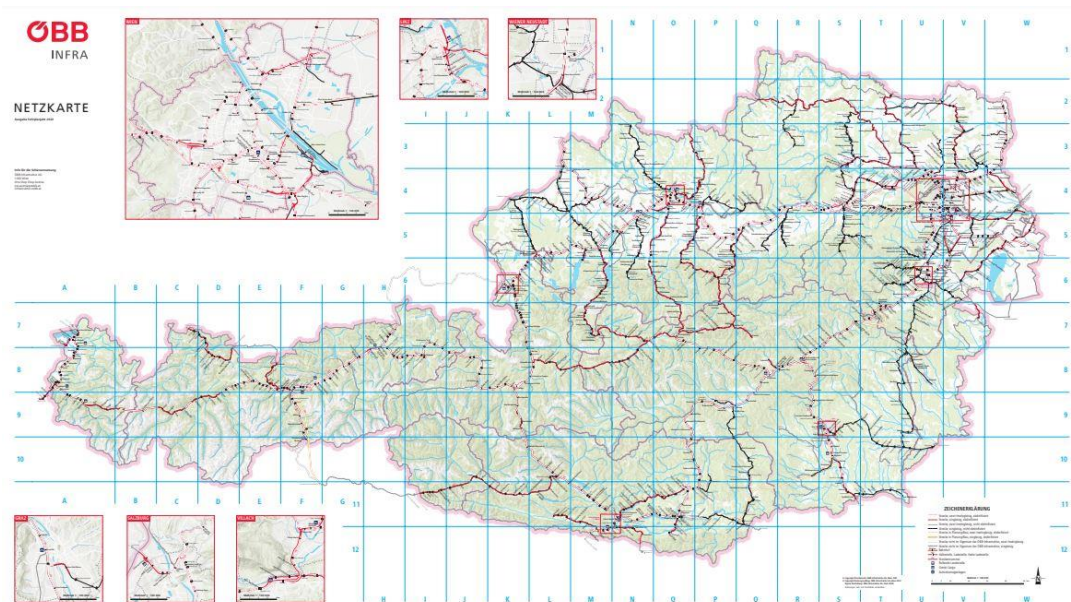


Figure 1: Example of the mowing area in the GIS - old data set



© ASFINAG

## Space4mobility Hackathon – use case by



© ÖBB



## Space4mobility Hackathon – use case by viadonau




Sutte bei Marchegg im Juni 2010.



Urzeitkrebs: Leitform der Sutttenfauna und biotisches Schutzgut.

© viadonau

## Space4Energy Hackathon

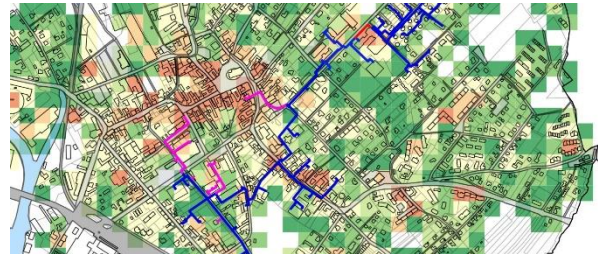
- Space4mobility  Space 4 Energy
- 4 challenges by energy suppliers from all over Austria
- October 2022 remotely and in Graz, Austria
- More information: <https://www.sciencepark.at/space4energy/> and on our Website Austria in Space

## Space 4 Energy Hackathon

- 4 use cases
  - Space 4 wind power
  - Space 4 energy spatial planning
  - Space 4 biomass
  - Space 4 hydro



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Landschaftspflege



## Space awareness and cooperation

- Space stakeholders
- Public dialogue on space
  - Austria in Space
  - Events
  - Strategic Communication
  - Exhibitions



**Austria in Space**  
The Platform for Austrian Space Activities

LinkedIn



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