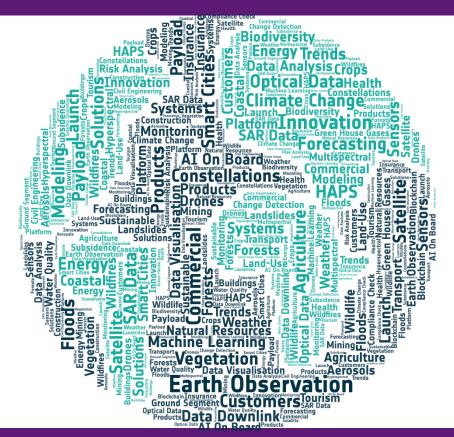
NSO Netwerkmiddag Kees van Duijvendijk k.vanduijvendijk@spaceoffice.nl

Netherlands Office **Investing in Industrial Innovation (InCubed)**



InCubed programme

InCubed focuses on developing innovative and commercially viable products and services that exploit the value of Earth **observation** imagery and datasets.





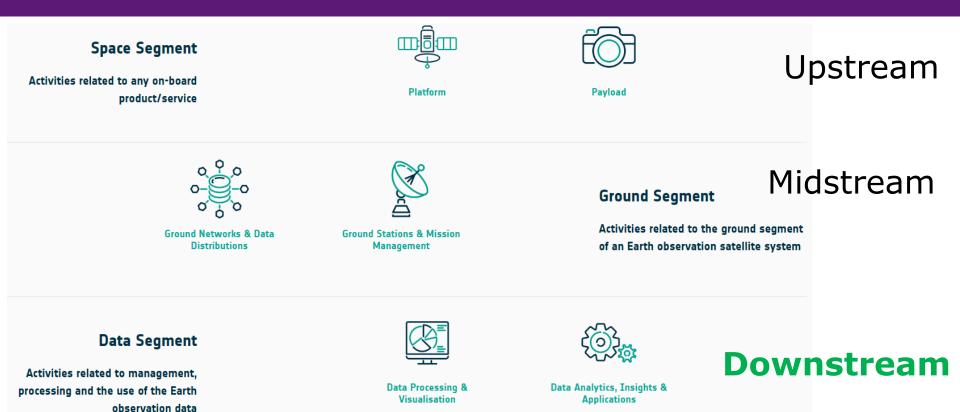
InCubed programme

• InCubed ≠ Business incubation for start-ups

- InCubed = product development:
 - Zero-equity co-funding,
 - Technical guidance and commercial support
 - Access to ESA EO facilities









Is Incubed right for you?

- Company based in The Netherlands; activities not restricted to a certain geographic area (global)
- Innovative product or service in need of technical
 development to become commercially viable
- ✓ Sufficient market potential of the product or service
- ✓ Clear link to earth observation

Position InCubed vs SBIR/BASS

TRL 0-3: NWO/HORIZON EUROPE (onderzoek) **IDEA** TRL 0-3: **SBIR Fase 1** (haalbaarheidsonderzoek) You have an initial 'offering': stakeholders like your slideware **PROTOTYPE** TRL 4-7: **SBIR Fase 2** (ontwikkelen/testen prototype)

TRL 4-7: ESA **InCubed** (ontwikkelen/testen prototype) VALIDATION

TRL 8-9: **SBIR Fase 3** (de innovatie vermarkten) PRODUCTION (de innovatie vermarkten) TRL 8-9: ESA BASS

in ready state

2

3

4

5

6

8

9

IDEA

Unproven concept, no testing has been performed

You can now describe the need(s) but have no evidence

Concept and application have been formulated

SMALL SCALE PROTOTYPE Built in a laboratory environment ("ugly" prototype)

LARGE SCALE PROTOTYPE Tested in intended environmentt

DEMONSTRATION SYSTEM Operating in operational environment at pre-commercial scale

Tested in intended environment close to expected performance

FIRST OF A KIND COMMERCIAL SYSTEM

All technical processes and systems to support commercial activity

FULL COMMERCIAL APPLICATION Technology on 'general availability' for all consumers

NEEDS VALIDATION

BASIC RESEARCH

Not 100% fixed!



Position InCubed vs SBIR/BASS

- SBIR is 100% funded and has a (NL) government agency as intended user of the service (B2G). Based on calls.
- InCubed is 50% funded and has a (not necessary Dutch) private sector partner as intented final user (B2B/B2C). Applications to InCubed can be done at any time (open).
- Promising innovation can make use of different instruments*:
 - SBIR Fase 1 (TRL 0-3) to InCubed (TRL 4-7)
 - InCubed (TRL 4-7) to BASS (TRL 8-9)

*Not overlapping



Dutch (NSO) framework

- No restrictions on space segment and thematic area: as long as the development strengthens the EO sector, by either using EO data (downstream), or contributing to acquisition of new EO data (upstream).
- Very important is the innovative value and the market potential of the proposed product or service
- **Own contribution**: 50% for creation of services



Activity portfolio | InCubed (esa.int)





Practical

- **Overall NL InCubed budget:** sufficient available
- **Duration:** anywhere from 6 tot 36 months
- **ESA contribution:** from 100 to 350k ESA
- **Own contribution:** 50% for applications
- **Partners**: NSO only funds activities by Dutch partners, research partners can be funded 100% (limited role)
- **Support:** Without NSO support, no ESA project
- First step: Contact me for questions or plan a pitch