

A cosmic background featuring a view of Earth's horizon from space, with a bright sun or star on the left creating a lens flare. A thin, glowing orange arc curves across the upper portion of the frame. The Milky Way galaxy is visible in the dark blue and black space, dotted with stars. A small, bright comet or meteor streaks across the upper right quadrant.

**Welcome to
Space Innovation Forum**

A composite image of space. The bottom half shows the Earth's horizon with a blue and white atmosphere. The top half is a dark starry sky with the Milky Way galaxy visible. A bright comet streaks across the sky from the top right. A glowing orange arc of light curves across the upper left. The text "The programme" and "www.ritspace.se" is centered in white.

The programme
www.ritspace.se

PROGRAMME DAY 1

DAY 1 – OCTOBER 12 at Scandic Kiruna

15:00 Welcome, Johanna Bergström Roos, Project Manager RIT, LTU Business.

15:20 RIT Project updates and upcoming opportunities

- R&D projects between space industry and academia, Marta-Lena Antti, LTU
- Testbed Space, Olle Persson. LTU
- Building a space innovation system and a space cluster, Joakim Norman, LTU Business

16:50 Short Break (5 minutes)

16:55 Sweden in space, Anna Rathsman, Director General, Swedish National Space Agency

17:25 Exhibition, Showcase and Mingle

18:30 End

19:30 Dinner



PROGRAMME DAY 2

DAY 2 – OCTOBER 13 at Scandic Kiruna and Space Campus

- 09:00 Welcome back! René Laufer, LTU
- 09:10 The commercialization of ESA
Luca Del Monte, Head of Commercialization Department, ESA
- 09:40 EU Cassini Space entrepreneurship initiative
Tomas Jonsson, Cassini team leader, Director General DEFIS, EU
- 10:10 The benefit of space for society and for total defence
Dr/LtCol Ella Carlsson, Chief of Space Capabilities and development, Swedish Air Force
- 10:40 Coffee and networking
- 11:10 Space Capacity Building
Åsa Johansson, Swedish Space Corporation and Jonas Hjelm, LTU Business
- 11:40 Panel: How can we help the space region to develop? And what direction do we want the region to take?
- 12:15 Lunch



PROGRAMME DAY 2

DAY 2 – OCTOBER 13 at Scandic Kiruna and Space Campus

13:00 Workshop: How to leverage our space region

14:45 Conclusion
Axel Steuwer, Director Designate, EISCAT

15:00 Wrap-up and break before site visit to Space Campus

15:20 Bus departs from Scandic Kiruna to Space Campus

16:00 Women in space
Dr/LtCol Ella Carlsson, Chief of Space Capabilities and development, Swedish Air Force
Sandra Nilsson, founder and COO, Arctic Space Technologies

16:45 Guided tour at Space Campus

17:30 End
Bus to new city, old city and train station

Developing a Space Ecosystem



Operated by Academia & Innovation/Business Support



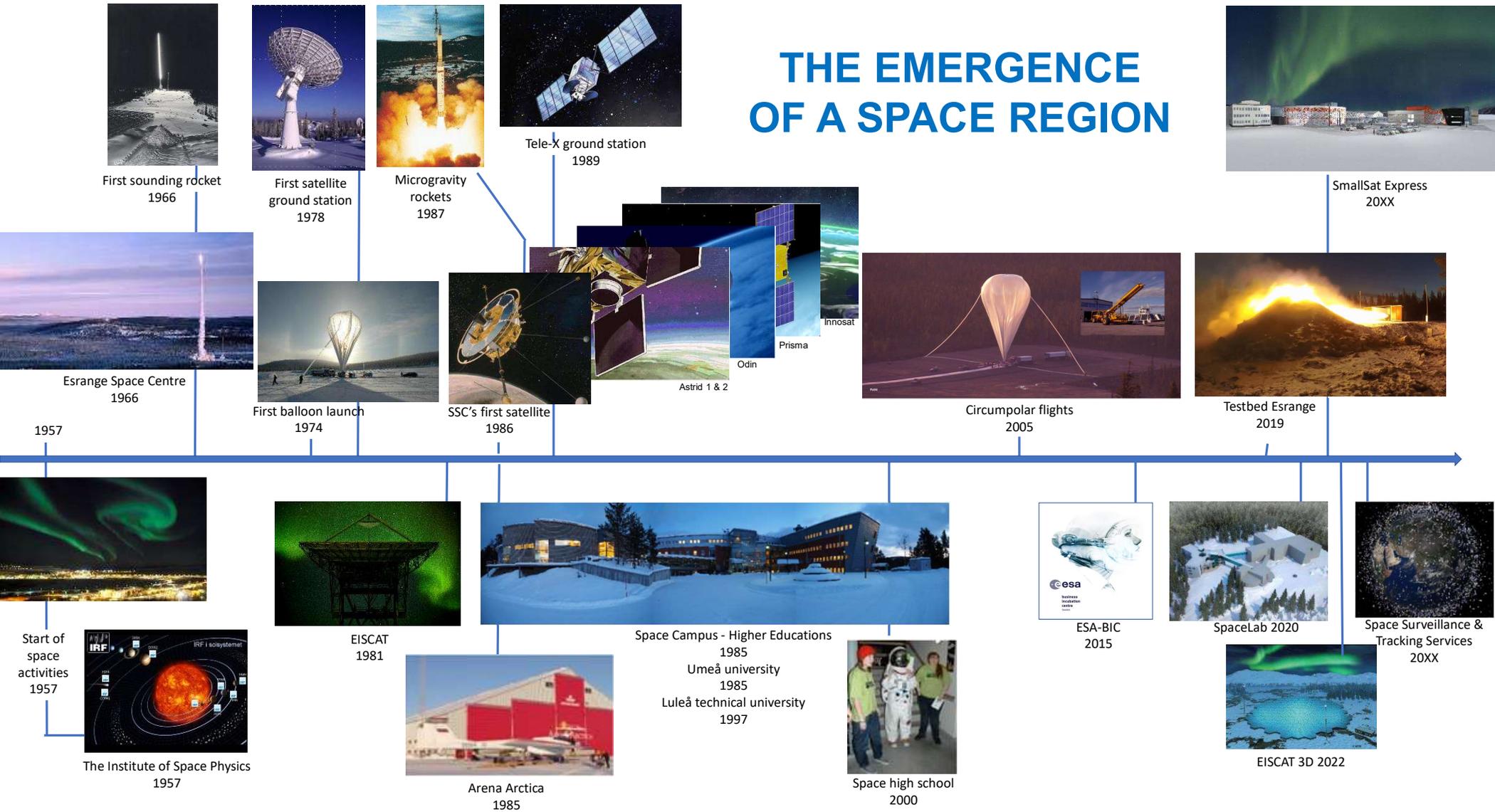
Sponsored by the Public Sector

Partners from the Space Industry

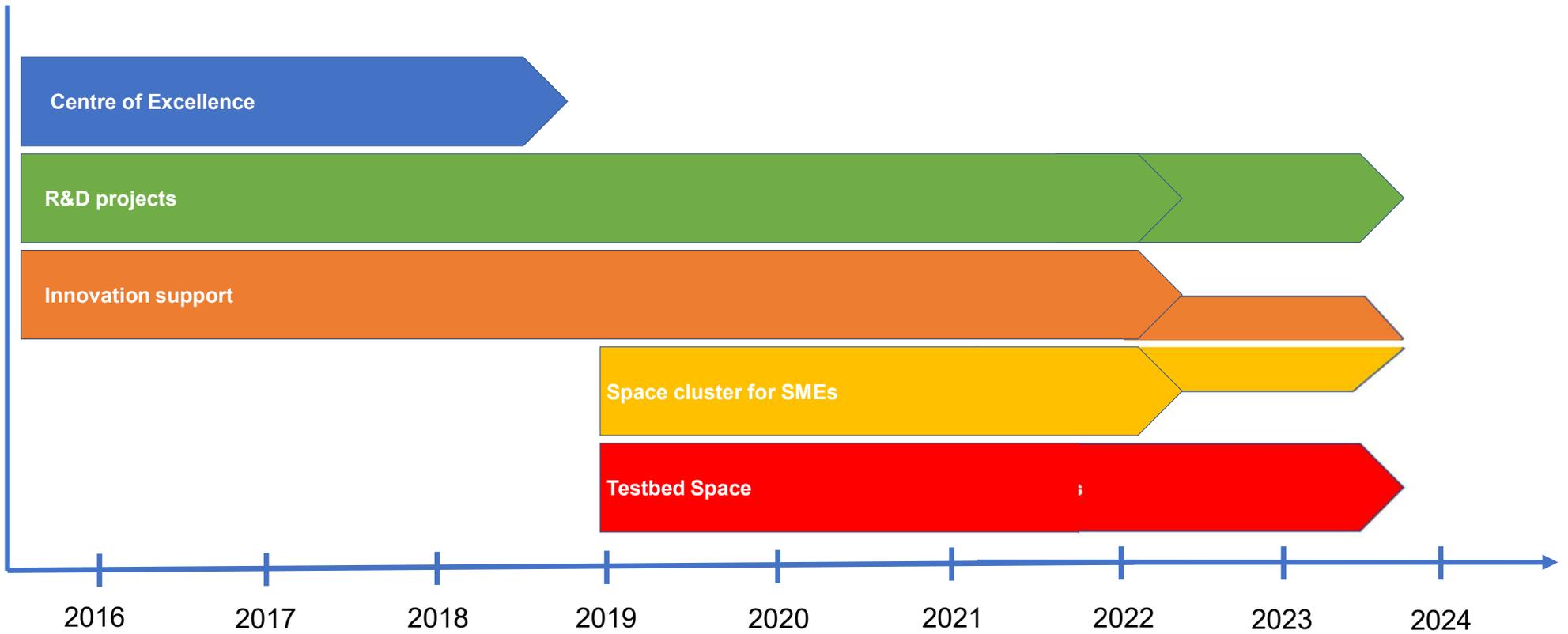


- Regional SME:s**
- Data Ductus
 - AIT, NMV
 - JTM, Mirror
 - Corstek, Kimit
 - Midroc Automation
 - JIT Mech
 - Boliden Electro
 - OFAB, Func10on
- Regional Start-ups**
- ASO, Parkshop
 - Swedish Space Tech
 - Centropy, NBO
 - NIPOR, REMOS
 - WiseFind, SkyAlert
 - ACTAS Space
 - Aidrobollia
 - SOLtenics
 - Scometrics AB

THE EMERGENCE OF A SPACE REGION



5 WORK PACKAGES



TARGET GROUP

FOR THE RIT PROJECTS

- ✓ The regional business in existing space companies
- ✓ Academy in order to build excellence in specific areas that are in demand by the space industry
- ✓ SMEs in other industries that do not deliver to the space industry today but who could and would like to do so



RESEARCH



EDUCATION



STARTUPS

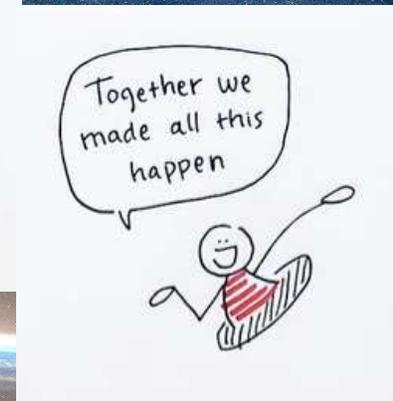


SME:S



CORPORATES

Building a Space Ecosystem





RIT BY NUMBERS (2015 until 2022-01-01)

PLANNED GOALS

- ✓ A strengthened ecosystem for the space industry on site
- ✓ A clear support system for innovation
- ✓ Strengthened capital supply in the early innovation phase
- ✓ A Center of Excellence in Space Technology
- ✓ An open arena with test beds at Spacecampus
- ✓ 15 R&D projects between academia / industry
- ✓ 9 PhDs and 6 postdocs for innovation
- ✓ A new space event has been established
 - ✓ 13 "Space Innovation Forum" completed
 - ✓ 200 actors, 1750 participants
- ✓ 35 companies actively involved
- ✓ Two new programs to support SMEs to deliver to space
- ✓ A new program to develop space students into business developers / entrepreneurs
- ✓ 11 regional SME members of ACS
- ✓ 20 students stay in the region through RIT

EXTRA BONUS

- ✓ LTU has become a strong player in regional growth for space
- ✓ 15 new space related companies establishments in the region
- ✓ 37 scientific publications
- ✓ 6 + 6 subjects at LTU interested in space
- ✓ 10 new areas where interdisciplinary collaboration takes place
- ✓ Several new Master Thesis linked to the innovation projects
- ✓ More space companies interested in R&D with LTU
- ✓ More regional SMEs want to enter the space industry
- ✓ A new match-making event Lift-Off (space students and space industry)
- ✓ A new node for Aerospace Cluster Sweden
- ✓ A new node for Big Science Sweden
- ✓ The RIT projects spread knowledge about how space creates benefits on Earth
 - ✓ 96 own articles on the website (which are distributed to the media, social media, etc.)
 - ✓ 98 presentations at various events/conferences etc. have been completed
 - ✓ 32 study visits have been received
 - ✓ A relatively large media feature