



# INNOVATION SUPPORT

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# INNOVATION ECO-SYSTEM

## Highly complex:

- **Exploit the unknown....**
- **About ideas, dreams and emotions**
- **Abstract deliveries**
- **Many organizations and stake holders involved**
- **Many and different subjects**

PEOPLE                      EDUCATION                      IDEAS

CULTURE                      RESEARCH                      STARTUPS

INSTITUTIONS                      MONEY                      GOVERNMENT

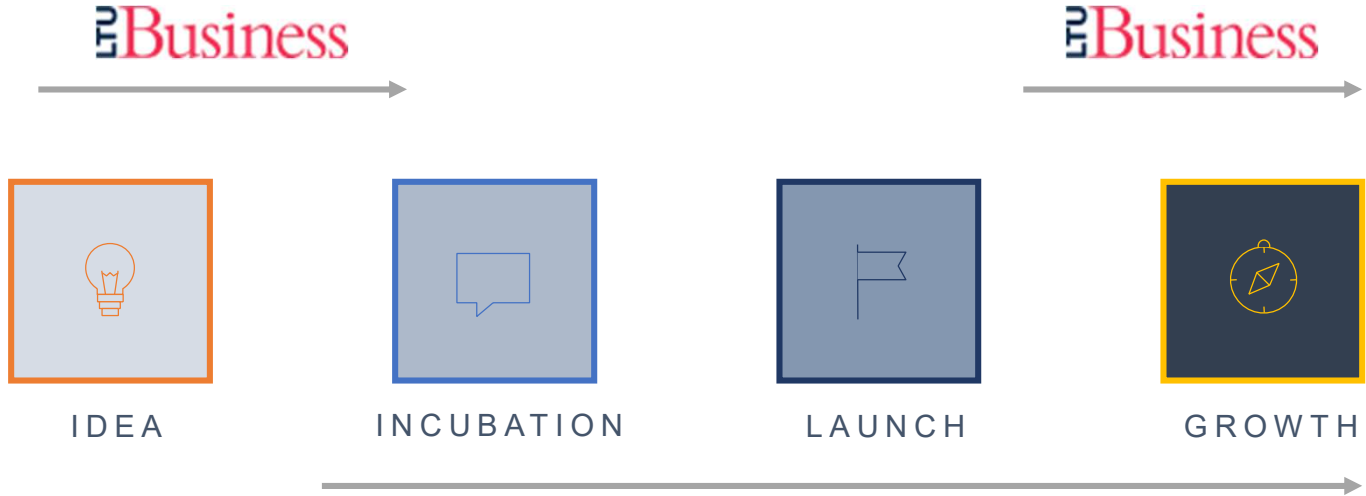
HEALTH CARE                      COMAPNIES

AND MORE...





# ACTORS & ROLES for support in the space innovation system

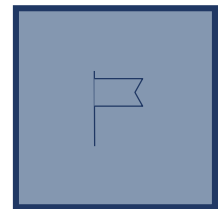
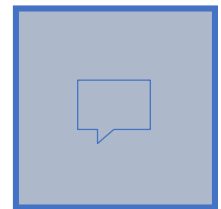


# RIT WP 3: Innovation support

## What have we done and what are we doing?

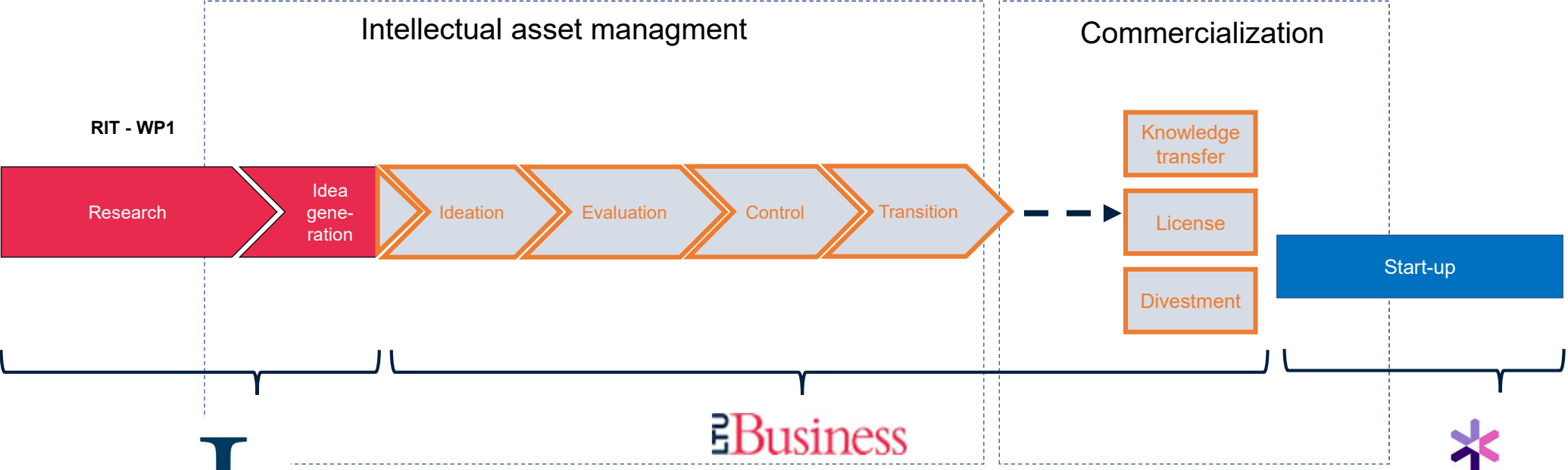
### System for handling and support of ideas to commercialization

- Processes, tools and methods
  - Idea generation, intellectual asset management
  - Commercialization through knowledge transfer, licensing, divestments and start-ups
  - Business development, incubation
- Training programs
  - Increase business development competence
  - SME development programs
  - Student summer programs (real cases)
- Give support to cases in the process
  - Three organizations involved, SEAMLESSNESS and COHERENCE have been in focus





# Innovation / asset management process



# Activities Innovation Support

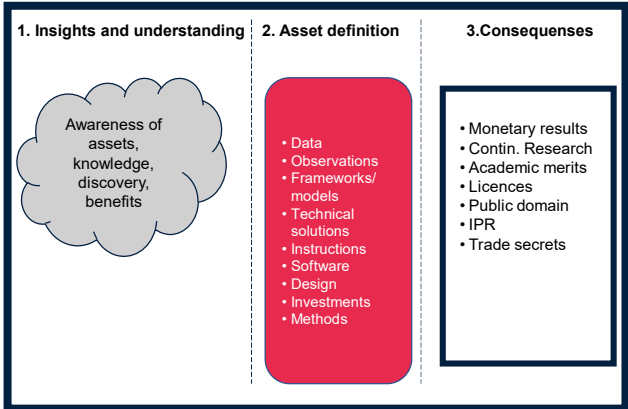
ACTIVITY	TARGET GROUP
Innovation PostDoc's	Space industry, PhD students
Summer Programs	SMEs, Researchers, Students
Continuous Support Services	SMEs, Startups, Entrepreneurs, Innovators, Students, Researchers
Innovation Management Program	SMEs

# Value creation from RIT 2021 space research projects

## Findings from 19 PhD candidates and post docs interviewed

- **Assets mostly related to algorithms, SW, simulation tools**
- **No patents so far**
- **Commercialization is not the main focus**
- **Supervisor’s view on asset management is crucial**
- **Asset management analysis ”tool” developed**

Asset/result	#
Algorithm	9
Data set	1
Methodology	4
Simulation tool	4
New explanatory model of a phenomenon	1
Software	3
Patent potential	2
Start-up idea	5
Base for coming research	4
New co-operations	2
Explicitly wish to stay in the region	5





# Summer program

*Are you looking for a summer job where you can apply your talent and make a real impact?*

**LTU Business Summer offers summer work as an idea and business developer, working on real-life cases from exciting industries and in team with passionate colleagues.**

**Cases in our Summer program during RIT 2021:**

- **Aurora forecast / Norrskensprognoser 2019**
- **PASQ 2019**
- **Coactum 2020**
- **HIPOR 2020**
- **REMOS 2022**
- **Quadrata 2022**

**Students, next call for the summer program opens at February 2023!**

**Companies, please send in cases and talk to the students!**

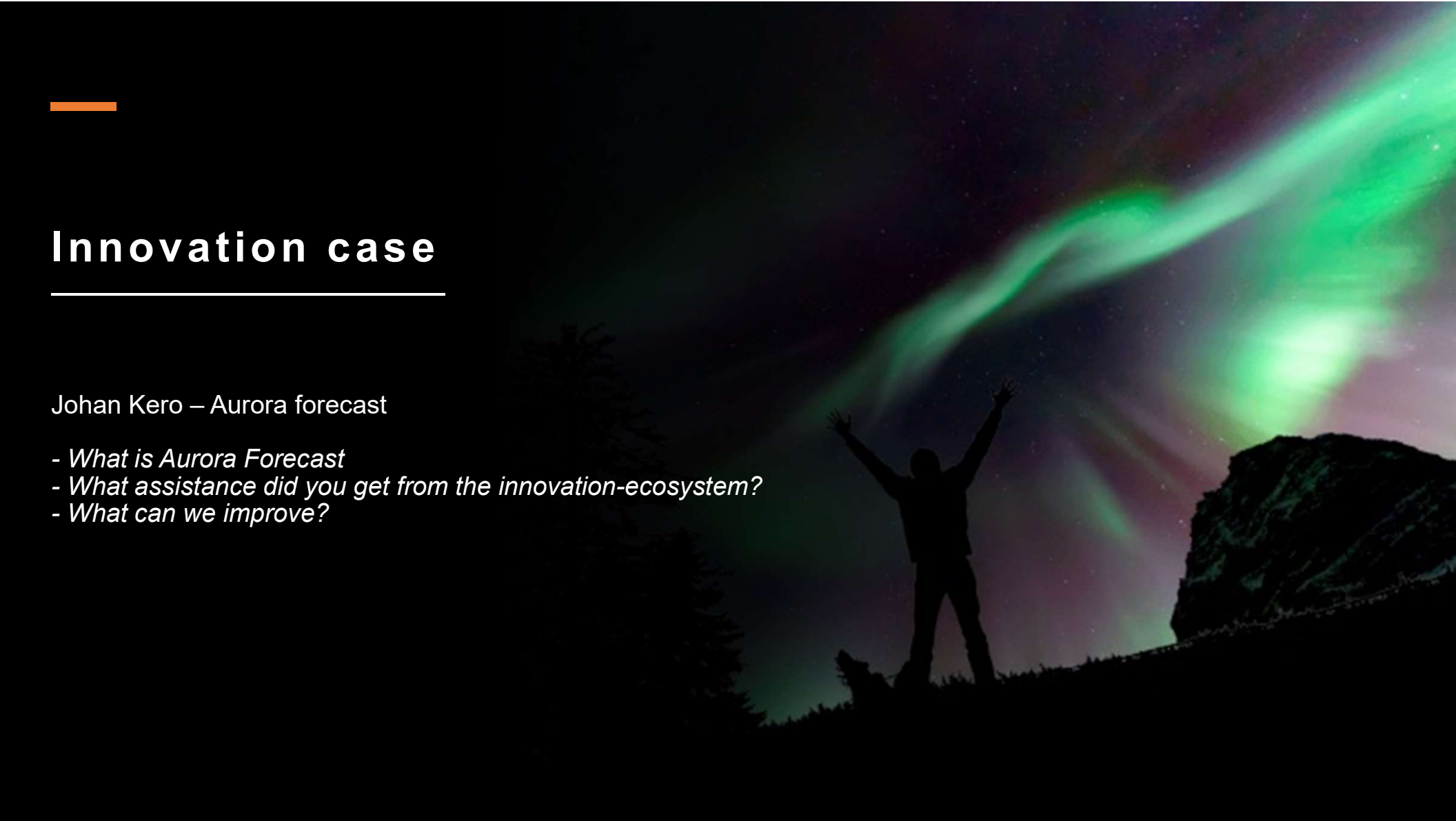




## Innovation case

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Johan Kero – Aurora forecast

- *What is Aurora Forecast*
  - *What assistance did you get from the innovation-ecosystem?*
  - *What can we improve?*
- 

# Challenges that have been and will come..

## How can we increase the pace of work to capture thoughts and ideas?

Where should we "fish" with limited resources?

- Training programs, courses, summer programs ???
- Increased focus on the "funnel inlet" and number of cases -  
> "Fishponds" where researchers and students are
- Focus on simplifying the legal aspects of handling the intellectual assets

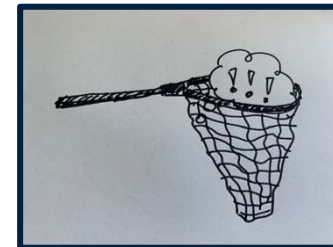
## RIT ends in September 2023 and WP3 focuses until then on management of the innovation system

- How to get funded for preservation and development of RIT achievements, structure and work methodology?

**We gratefully take your thoughts on how this to continue!**



**Where to fish?**



**How to capture?**



**How to keep?**



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...and now over to:



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Bild PP från Jens L ABI