

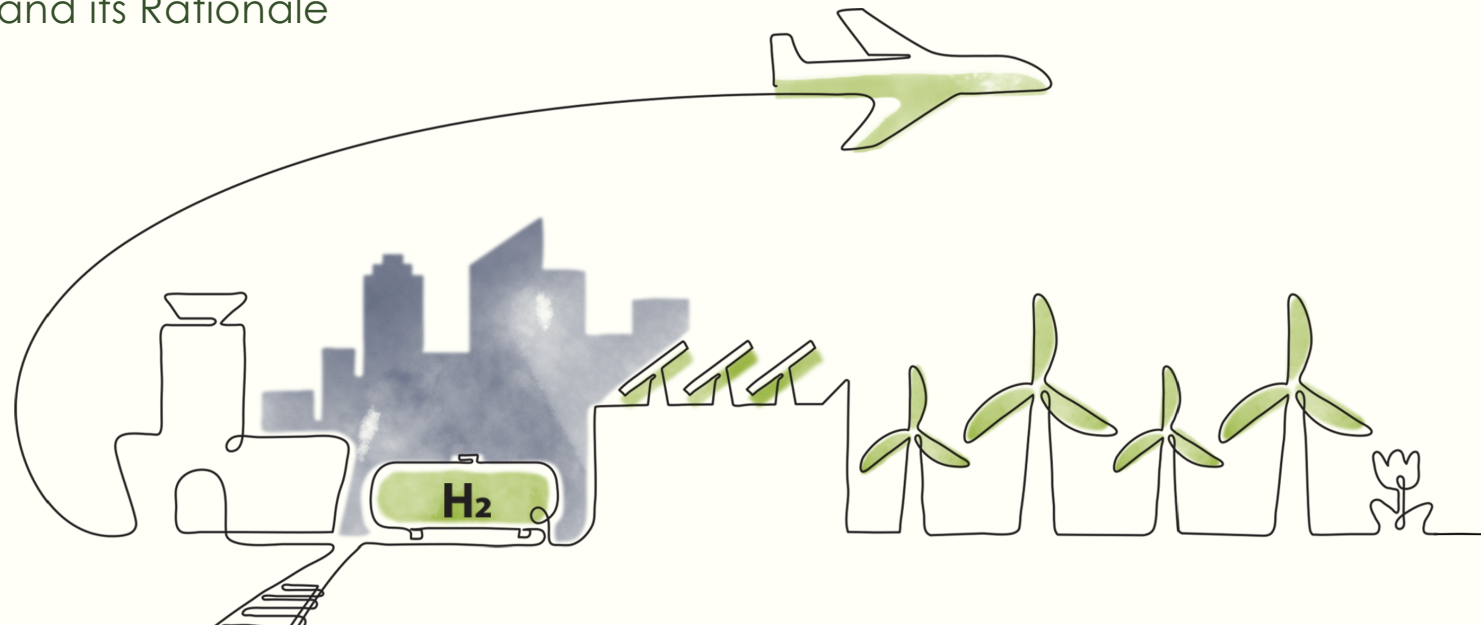
# LUCHTVAART IN TRANSITIE

Introduction to the Programme and its Rationale

14 October 2025

Ron van Manen

CEO Stichting Luchtvaart in  
Transitie & Project director





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# 01



# WHY?





# WHY DUTCH PUBLIC INVESTEMENT IN AVIATION R&I?



Nationaal Groeifonds



## CONNECTIVITY

Global connectivity  
essential for our open  
economy.



## ENVIRONMENT

Increasing social and  
environmental  
concerns \*

\* >2x EU average aviation  
contribution to CO<sub>2</sub>(>6%)



## KNOWLEDGE

Leverage/build  
institutional/industrial  
knowledge base



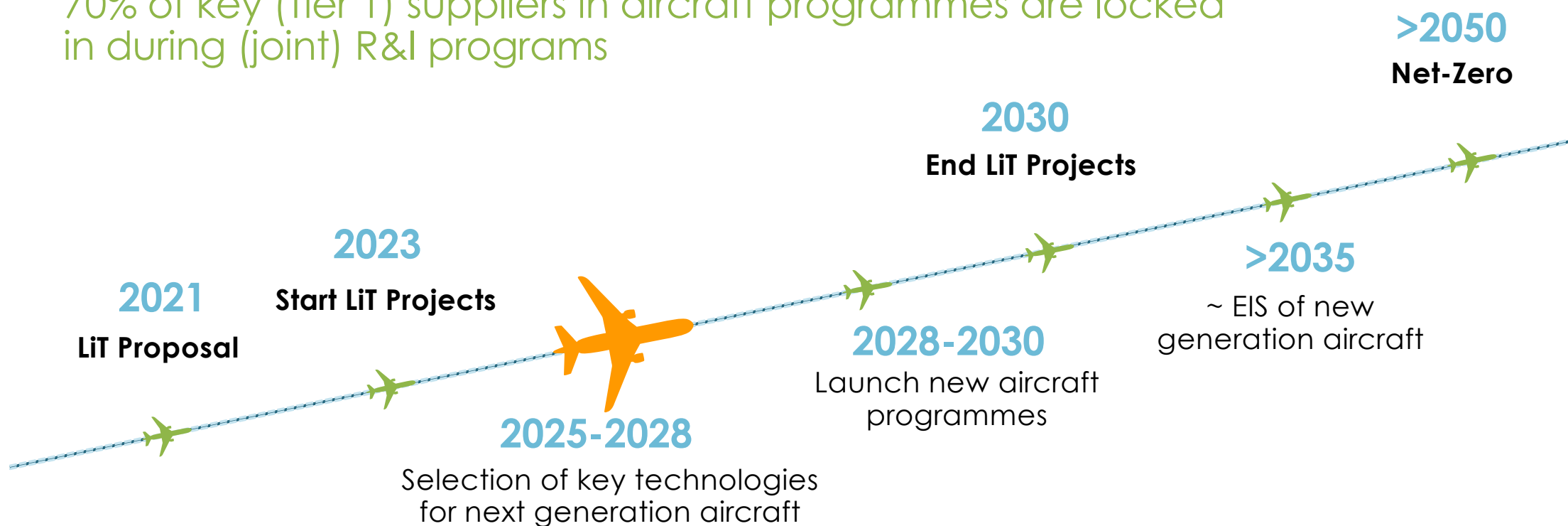
## ECONOMY

Secure long-term  
earning capacity  
and sustainability



# WHY NOW?

70% of key (Tier 1) suppliers in aircraft programmes are locked in during (joint) R&I programs





# CO-LEAD AND COLLABORATE

Specific targets for securing participation in Clean Aviation and connecting with other National Programmes



## ACCELERATE

Develop and mature disruptive technologies



## POSITION

Secure IP and key positions in future supply chains



## GROW

Attract talent, capital and inward investment.



## IMPACT

Increased long-term earning capacity and societal value.



**CLEAN AVIATION**

**AREANA**  
AVIATION RESEARCH ECOSYSTEM ADVANCED NOVEL APPROACH



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# 02



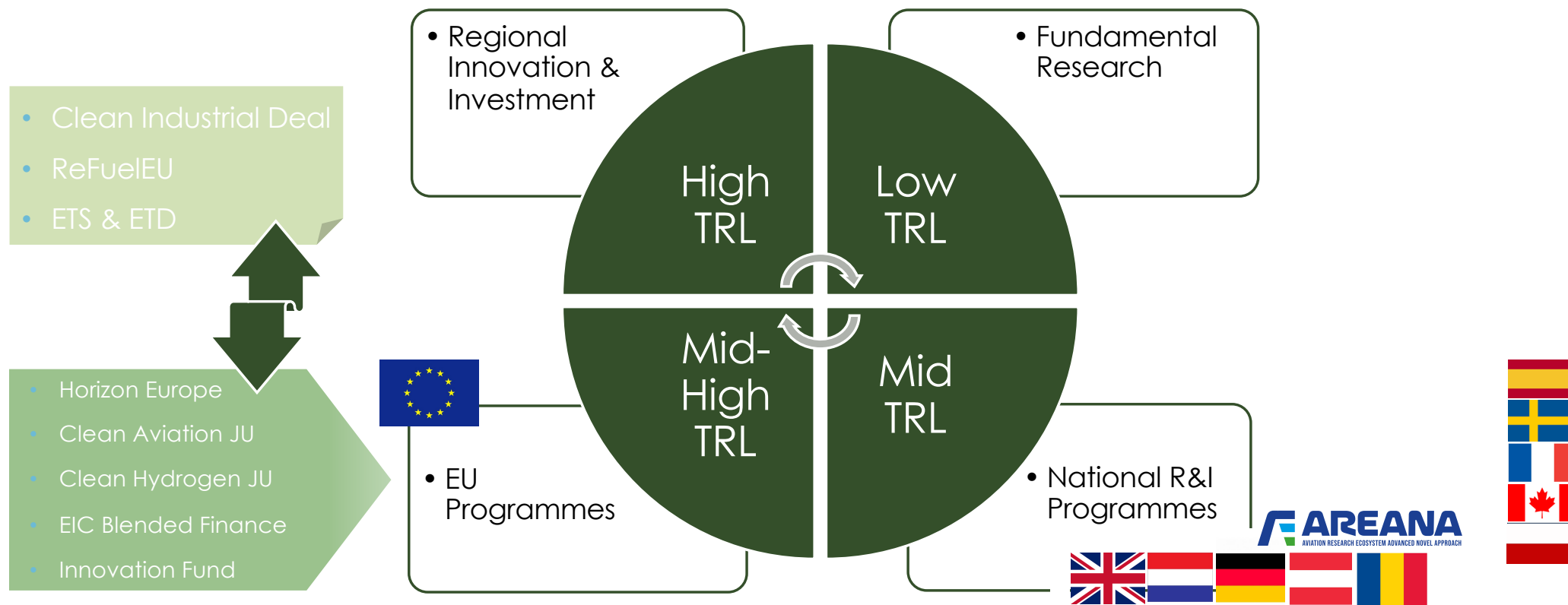
# HOW?





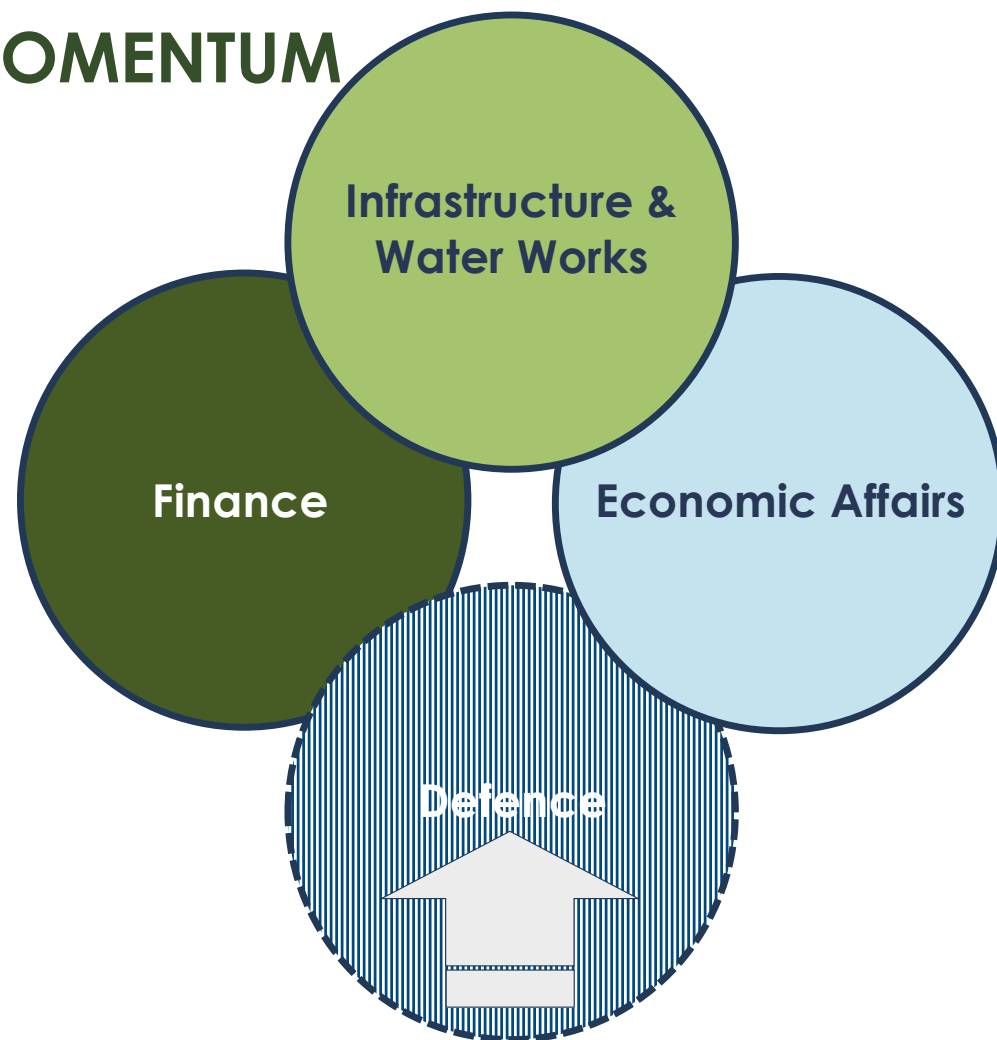
# EU, NATIONAL AND REGIONAL PROGRAMMES

Strengthening and securing EU strategic autonomy and competitiveness





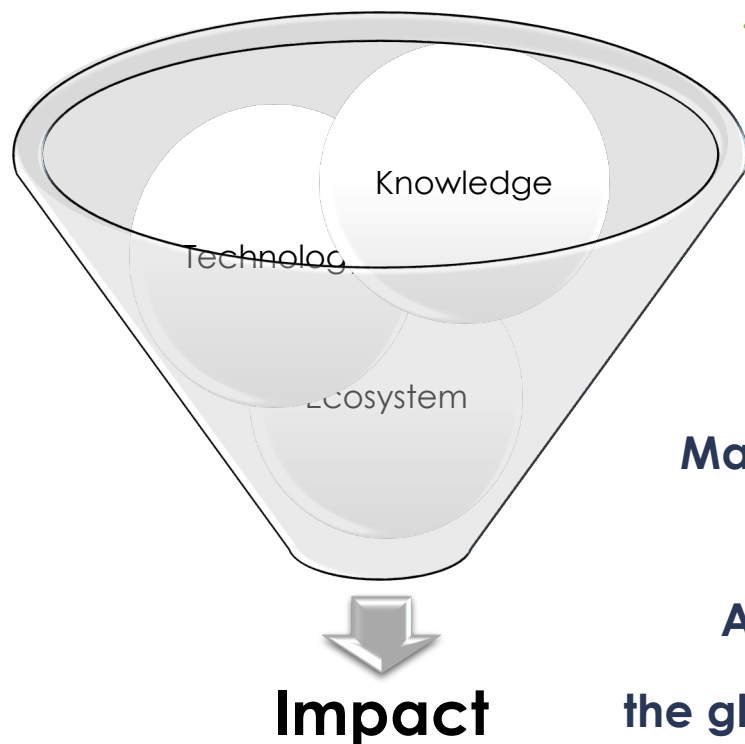
# BRIDGING INTERESTS, BUILDING MOMENTUM AND SECURING THE FUTURE





# PUBLIC PRIVATE PARTNERSHIP

## 3 Project Lines: Sustainable Technology, Knowledge and Eco-System



**€ 733 mln  
Investment**

- 8-year programme (2023-2030)
- €383 mln through National Growth Fund

**13  
Major Projects**

- 50+ participants
- Full innovation chain up to flight demo
- Start/Scale-ups and disruptive innovation

**Anchored to  
the global sector**

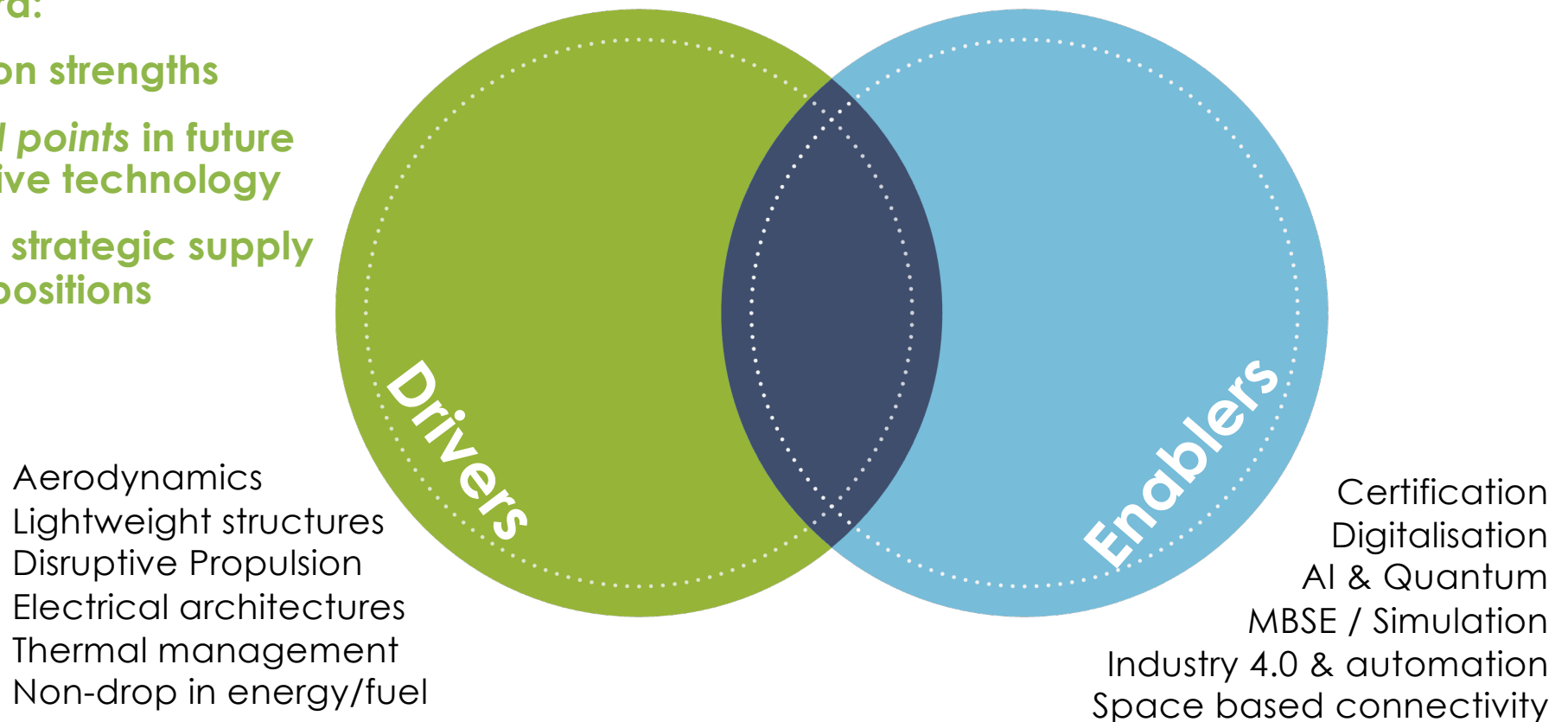
- Links with global OEMs incl. inward investment
- Connected to EU and other national programmes
- EASA collaboration cemented



# SHAPING THE FUTURE OF AVIATION

## Our mantra:

- Focus on strengths
- *Control points* in future disruptive technology
- Secure strategic supply chain positions



03



**WHAT?**





# BREAKDOWN OF INVESTMENT / PROGRAMME COST / GRANTS

## 80/10/10 Breakdown of programme effort

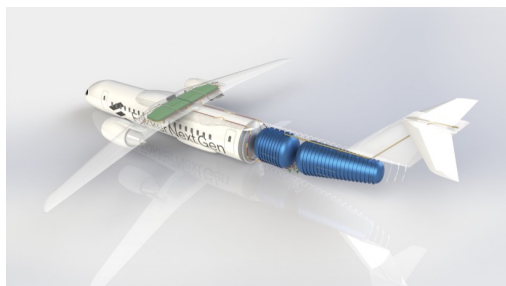
| Project Line                   | Project Cost, m€ | Grant, m€ |
|--------------------------------|------------------|-----------|
| Technology                     | 492              | 275       |
| Knowledge                      | 43               | 38        |
| Eco-system                     | 51               | 36        |
| Governance                     | 34               | 34        |
| Additional Stakeholder Effort* | 113              | -         |
| Total                          | 733              | -         |

## 50/50 Breakdown in Technology Line between ultra efficient and zero emissions

\* Additional Activities contributing to programme goals from other programmes (e.g. Clean Aviation, Horizon Europe, etc.)

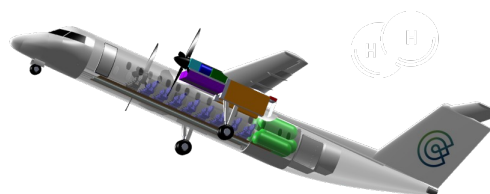


# SUSTAINABLE TECHNOLOGY - HYDROGEN PROPULSION



Hydrogen  
Optimization &  
Testing (HOT)

Fokker NextGen  
€49.7 mln\*



Hydrogen Aircraft  
Powertrain and Storage  
System (HAPSS)

Conscious Aerospace  
€179.9 mln\*



Innovative  
Cryogenic Electric  
Flight (ICEFlight)

Airbus  
€49.3 mln\*

\* Total project value



# SUSTAINABLE TECHNOLOGY – ENERGY EFFICIENT



Materials, production  
technology and structures

GKN Fokker  
€145.1 mln\*



Advanced  
Electrical Wiring

GKN Fokker  
€35.7 mln\*



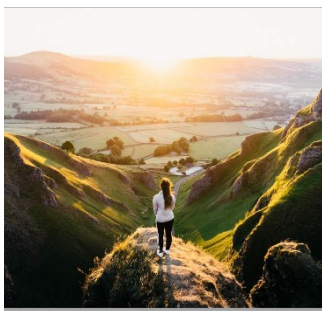
Thermal and  
Pneumatic Systems

Aeronamic  
€32.0 mln\*

\* Total project value

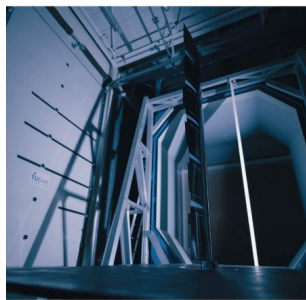


# SUSTAINABLE KNOWLEDGE



Flying Vision  
Accelerator

TU Delft  
€6.9 mln\*



Promising  
Research

NLR  
€16.5 mln\*



Dutch Aviation  
System Analysis Lab

NLR  
€20.0 mln\*

\* Total project value



# SUSTAINABLE ECOSYSTEM



Ecosystem & Int'l  
Cooperation

NAG  
€2.5 mln\*



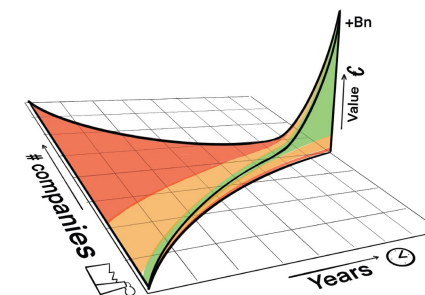
Open Call  
Scheme

N.A.  
€34.5 mln\*



Human Capital  
Agenda

CvBLO  
€10.1 mln\*



LiT Venture Lab

LRN  
€3.8 mln\*

\* Total project value



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04



## QUESTIONS?

"The pessimist complains about the wind; the optimist expects it to change; the realist adjusts the sails."

— William Arthur Ward



# THANK YOU LET'S CONNECT



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**LINKEDIN**

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