



aerodays2015

Aviation in Europe – Innovating for Growth

The 7th European Aeronautics Days



L O N D O N



20 – 23 OCTOBER 2015

The German Federal Aeronautics R&T Program: LuFo

Dipl.-Math. Friedrich König

Head of Division

Program Management Office Aeronautics Research
for the

Federal Ministry of Economic Affairs and Energy



The German Aeronautics R&T Program in the European Context

EU - Level

competitiveness on
EU - level

projects with great
socio economic
impact on
transnational level

projects with
workshares in
different (European)
countries

technology
demonstrators

National - Level

projects with focus on
national core
competencies

projects with impact
mainly on German
national level

projects of networks
consisting of industry,
SMEs, universities
and research
organisations

Regional - Level

projects with focus on
regional supply chain

promotion of
framework conditions
on a regional level:

- funding of local
research networks
- education
- funding of
universities, research
centers and
infrastructure



LuFo in the European Context

Horizon 2020, Clean Sky I&II foster creation of transnational networks which:

- are not bound by the core competencies of national industries
- cover the whole European industrial value chain
- have the critical mass to integrate specific technologies into marketable innovations



LuFo in the European Context

- strong perspective towards industrial applications and products
- creation and use of a powerful research network
- technological leadership and competitiveness
- provision of a level playing field
- environmental and societal challenges like emissions, safety and acceptance of air transport



The German Public Funding Framework for R&T

Common rules for the entire federal funding scheme lead to:

1. **Legal certainty** for all involved partners
2. **Complementary funding opportunities** in different programmes supported by different funding institutions.
3. **Planning reliability** for all partners
4. **Reliable budget commitment** for funded projects



The German Public Funding Framework for R&T

- **R&T grants are awarded to projects with a clear public benefit.**
- **R&T Grants** do not involve a direct exchange of benefits (e.g. NASA contracts: money - IPR)
- **Partner gets exclusive IPR** of funded projects. **BUT**: results need to be exploited in Germany.

Partnering for success for all participating companies and research institutions



Aeronautics R&T Program: LuFo Specifics:

Basic Funding Conditions for LuFo-grants:

	Industry	Small and Medium Sized Companies	Universities Research Organisations
Fundamental Research			100%
Applied Research	50%	65%	100%
Experimental Development	25%	40%	



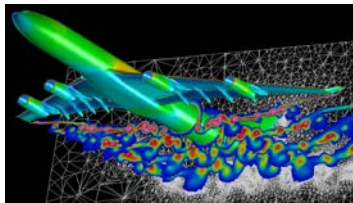
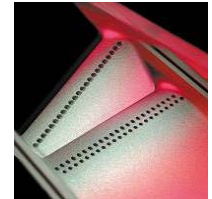
Aeronautics R&T Program: LuFo

Research Topics:



Cabin &
Interior

Engines



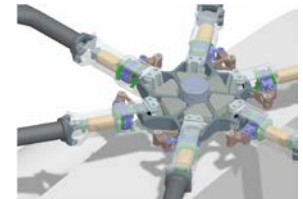
Flight Physics

ATM &
Flight Control



Systems

Helicopters



Structures &
Materials



Aeronautics R&T Program: LuFo

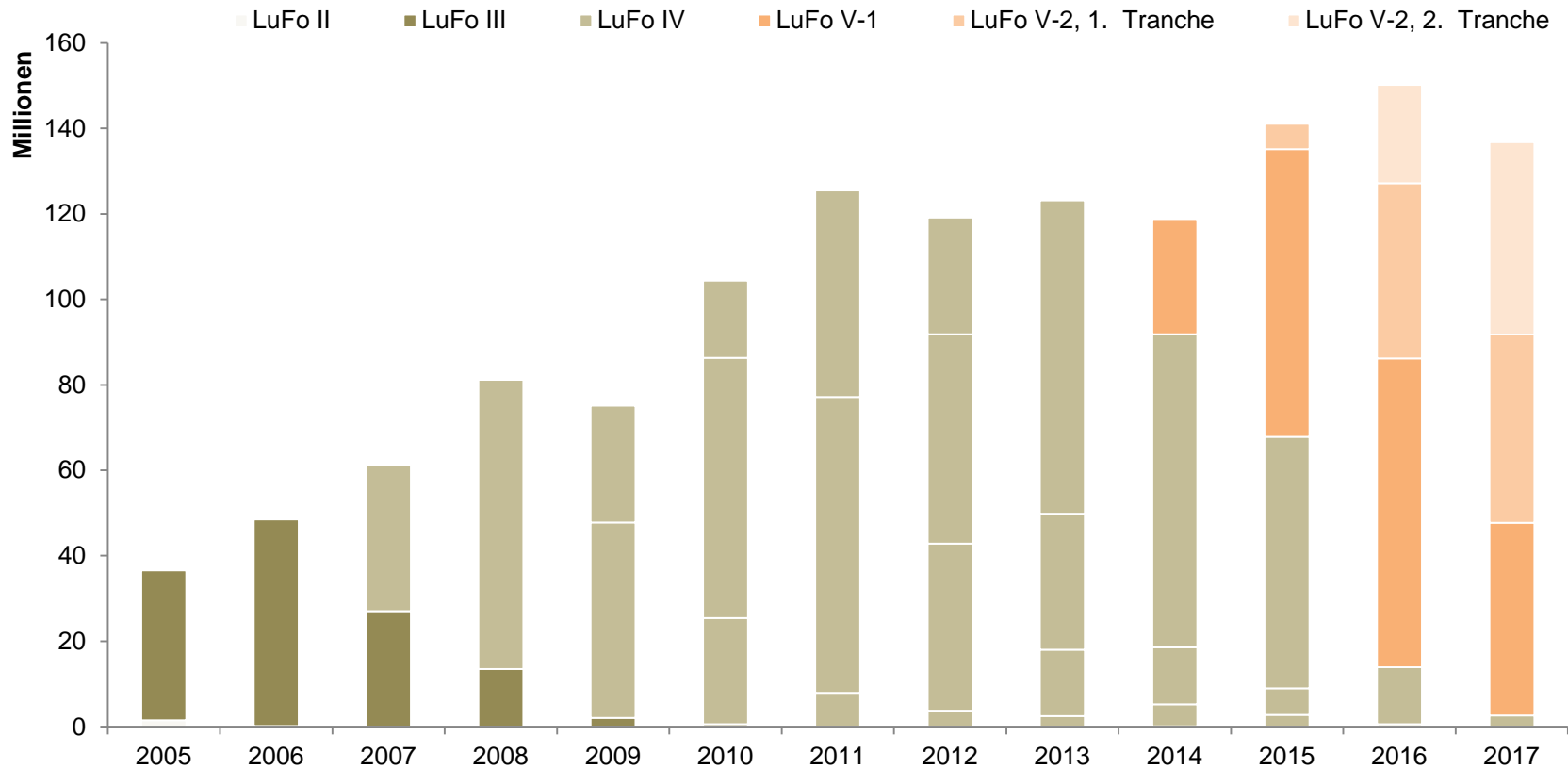
LuFo is a flexible funding scheme which offers:

1. **Planning reliability** for all partners within a consortium
2. **Reliable budget commitment** for funded projects
3. **Positive external leverage effect** in cooperative R&T projects
4. **Flexibility** within the given project scope
5. **Coverage of all topics** within the air transport system
6. **World Class** Research Infrastructure (DLR, FhG, ETW, TUM, TUB, TUD, TU DA, UNI S, RWTH AA, TU BS, TU HH etc.)



Aeronautics R&T Program: LuFo

Current Call: 300 Mio. €funding



Contact Details:

Dipl.-Math. Friedrich König

Head of Division

Program Management Office Aeronautics Reserach
for the Federal Ministry of Economic Affairs and Energy
Königswinterer Str. 522-524 | D-53227 Bonn

Phone: +49 228 447-662

Mail: Friedrich.Koenig@DLR.de

Web: www.DLR.de/pt-lf



Federal Ministry
for Economic Affairs
and Energy

