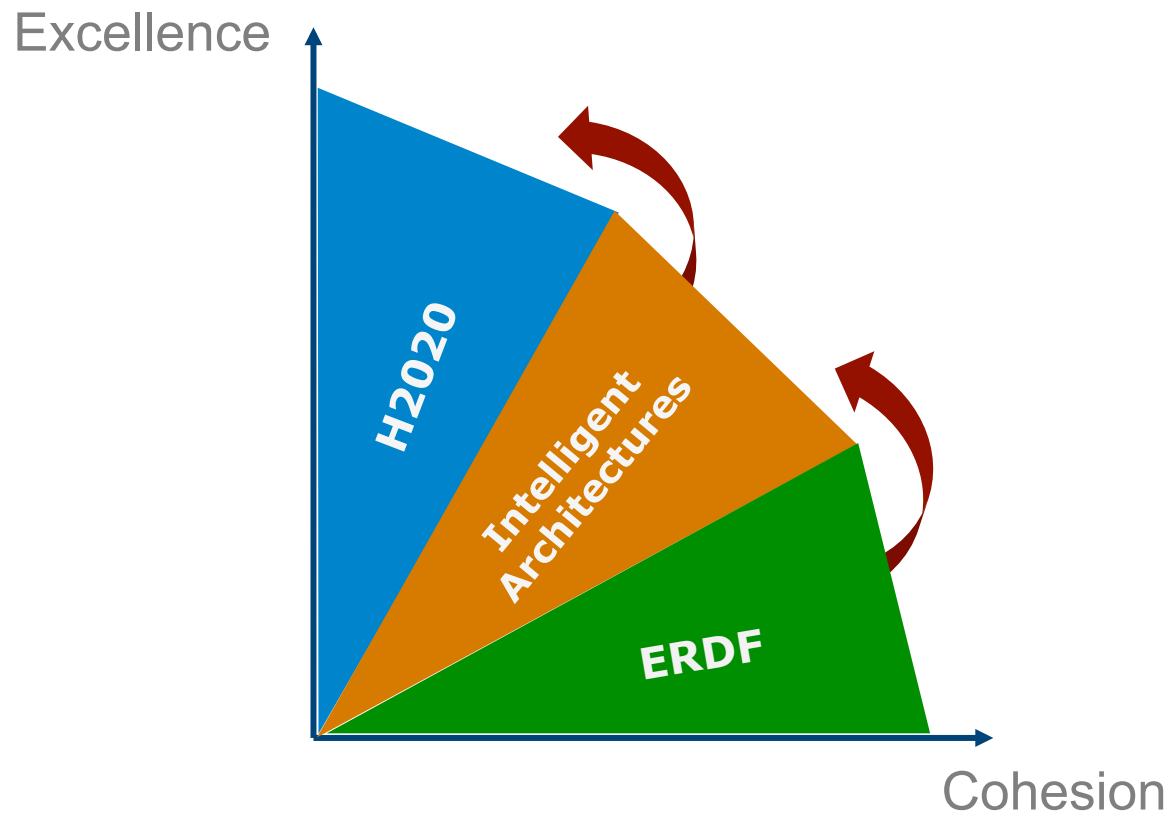
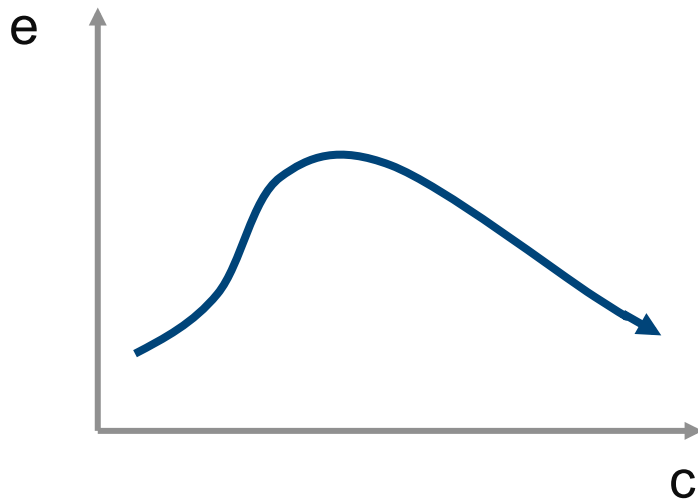


Architecture of R&i

Programmes for the Impulse of Regional Competitiveness

Juan Tomás Hernani
Prague, October 2nd, 2014





Fatigue Effects

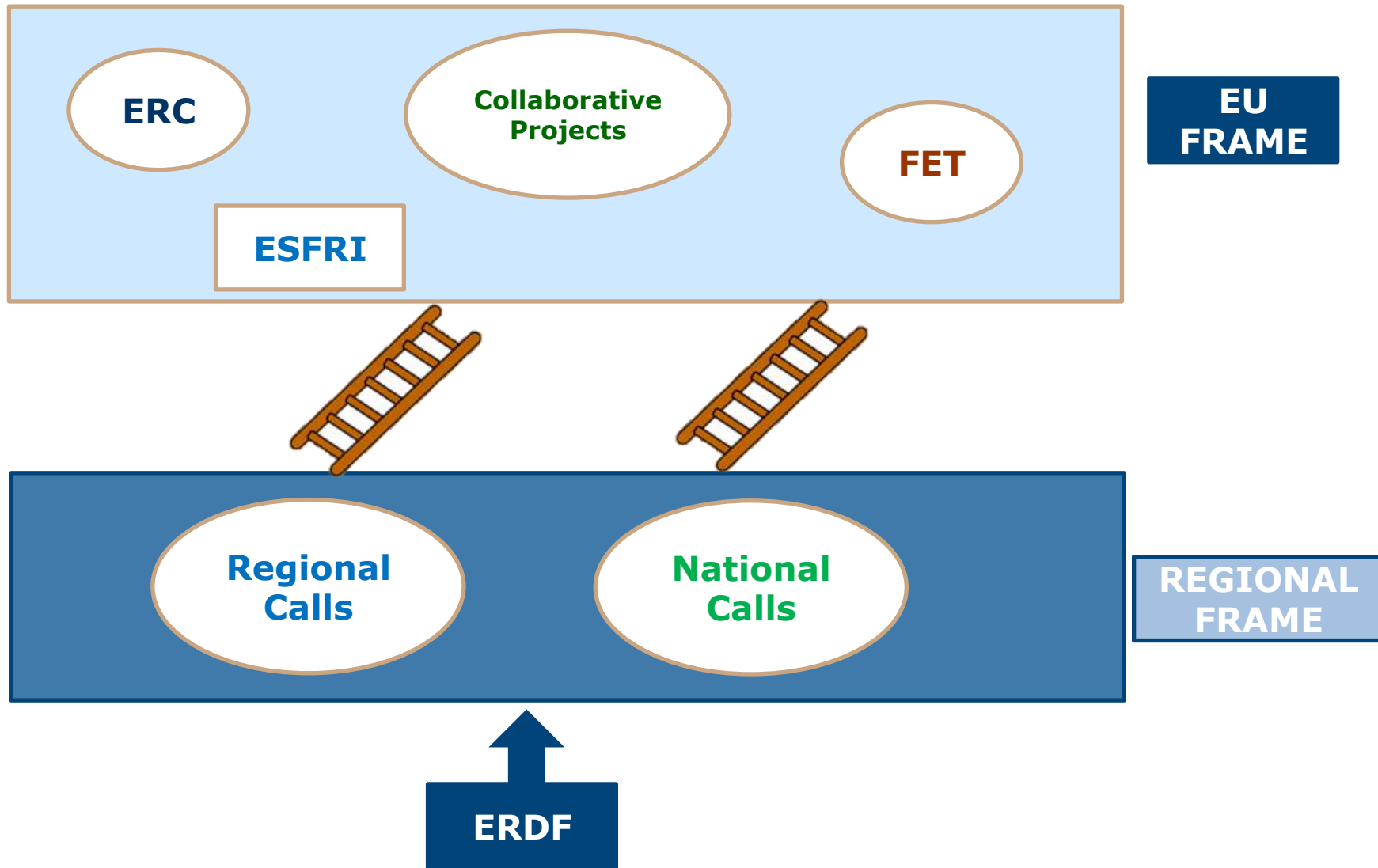
ERDF	SME
	RESEARCH
	ENERGY
	IT

FACTS

- 1) National Plans for R&D, fully dependent
- 2) Generous money + Limited community = Lower Competitvity

- 3) Regional funds ↔ Regional Institutions
- 4) Sustainable instruments ↔ grants

THE RESEARCH COMMUNITY



THE RESEARCH COMMUNITY

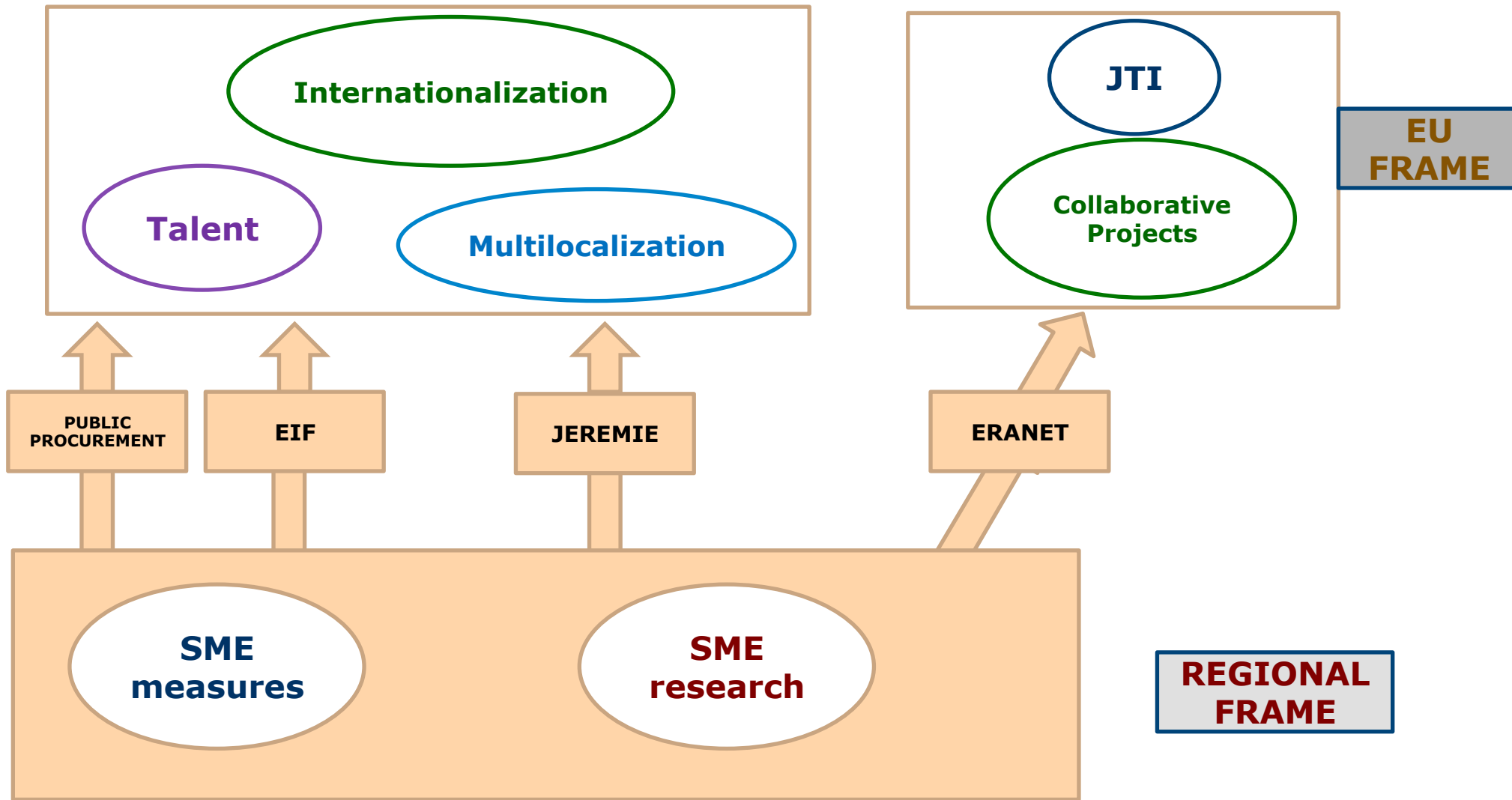
MEASURES

- ✓ Reward European Competitiveness
- ✓ Complement efforts
- ✓ Flow of best talent
- ✓ Be part of large infras

AVOID

- Regular financing
- Local scoring
- Isolated investments

SME GROWTH



SME GROWTH

MEASURES

- ✓ Market oriented measures
- ✓ Advanced performing institution
- ✓ Modern instruments

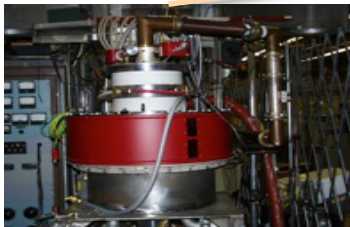
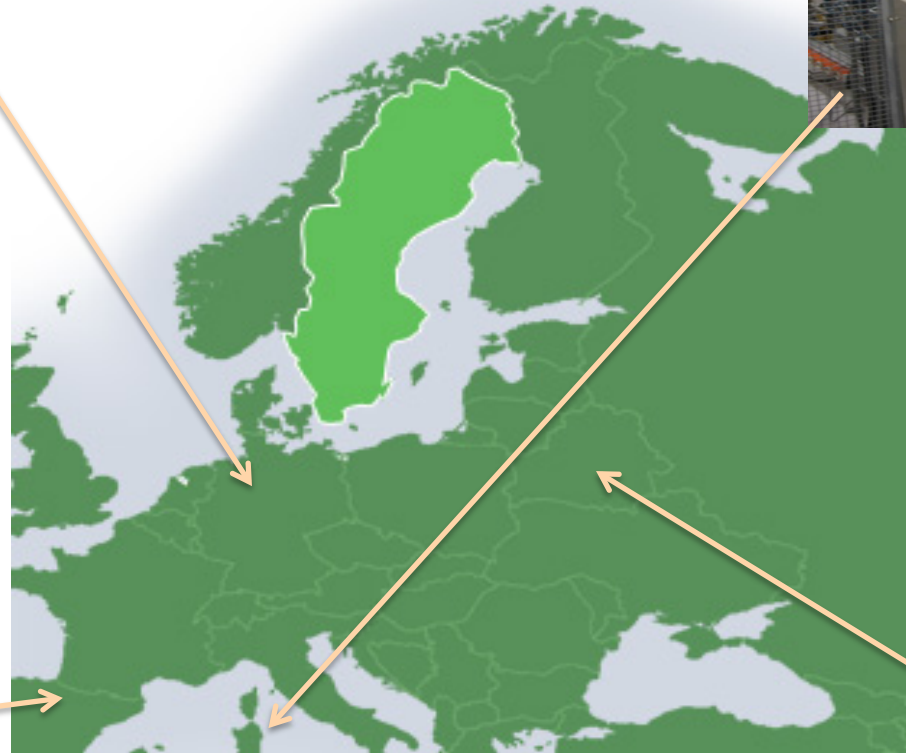
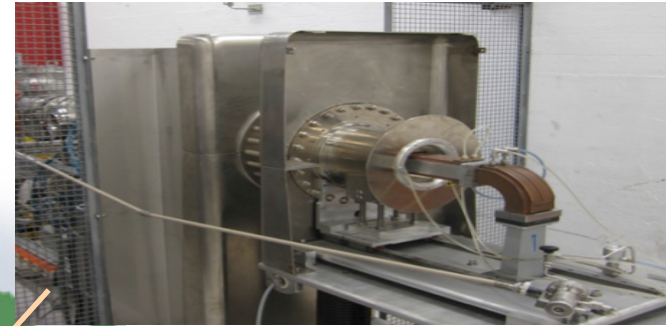
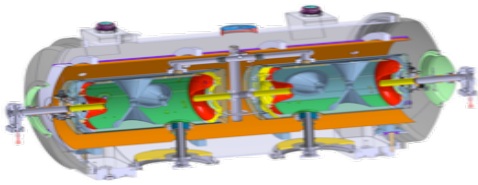
AVOID

- False market objectives
- Grants
- Dwarfism

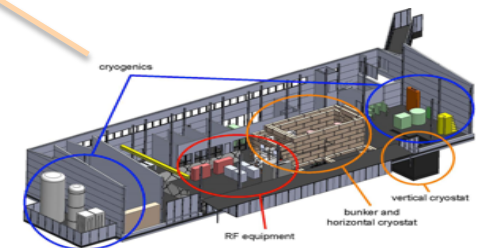
CASE STUDY 1: **THE ESS COLLABORATIVE RESEARCH** **INFRASTRUCTURE**



INKIND NATIONAL CONTRIBUTIONS



ERDF FUNDED PROGRAMS

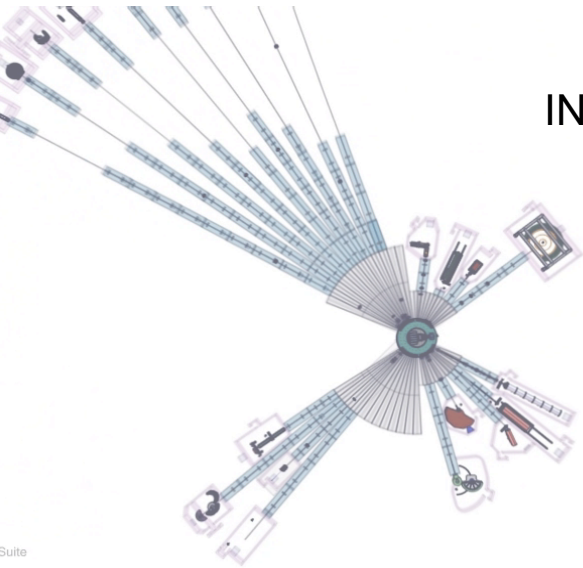




ESS

Pathway
ERDF

IN KIND INSTRUMENT
COMPONENT



HOW

BARRIERS



More money?

Support for KET?

Support for Activities abroad?

YES

- Each item, only one EU financing mechanism

YES

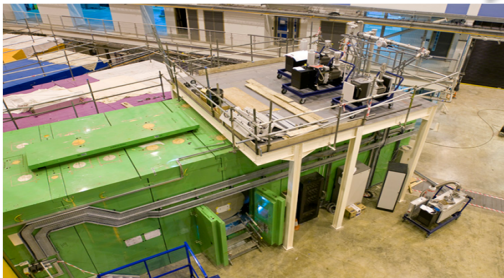
- Inside an Operational Program

YES

(within EU)

- Local benefit
- < 15% Program PRIORITY
- < 5% TOTAL

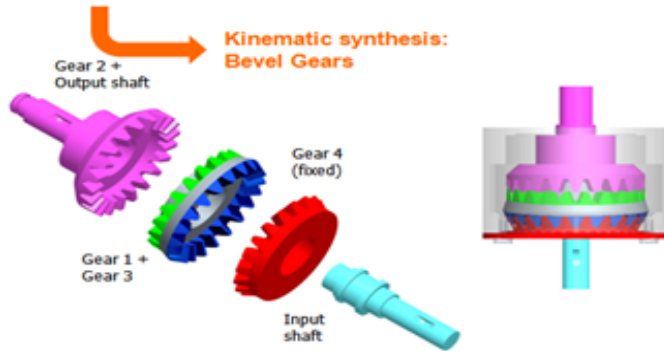
OK from Monitoring Committee



CASE STUDY 2: DMP EGILE group.

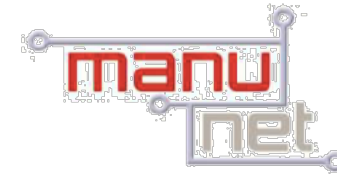


MANUNET-2008-BC-005 –
“DEVELOPMENT OF A MANUFACTURING PROCESS FOR COMPACT ACTUATORS TO BE USED IN
ULTRALIGHT AIRCRAFTS”

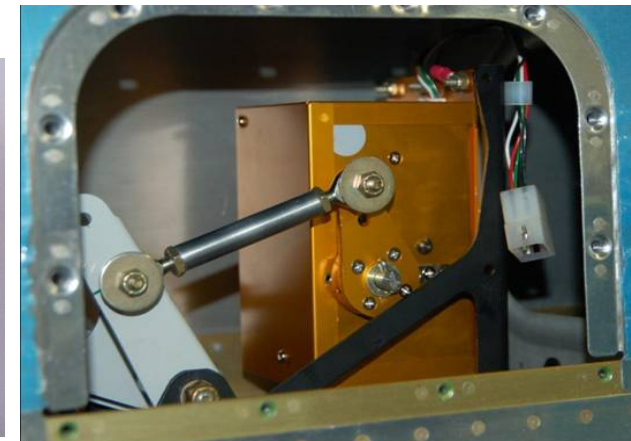
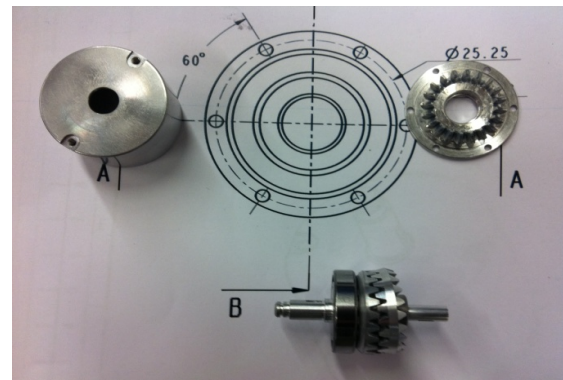


PARTNERS:

TARGETS:



- ✓ GEAR CONCEPTUALIZATION , DESIGN AND INDUSTRIALISATION
- ✓ MANUFACTURING OF GEARBOXES



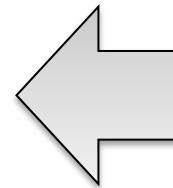
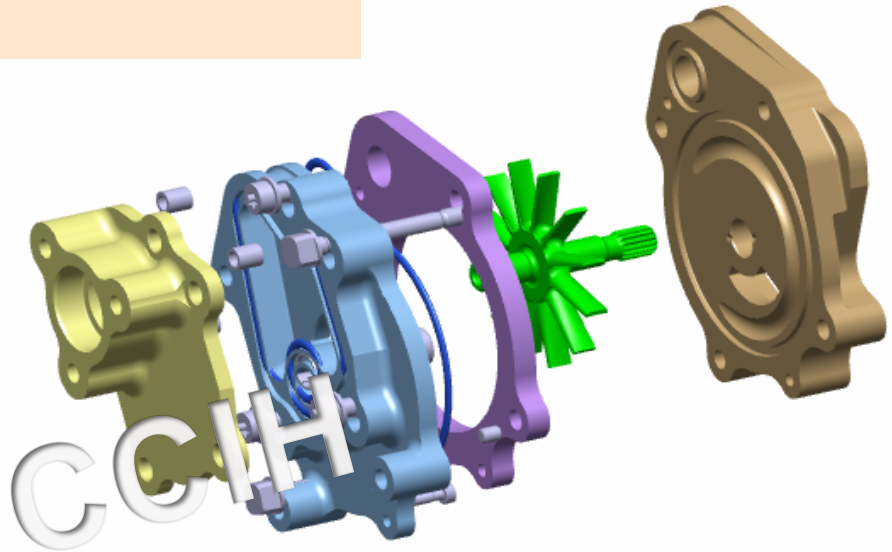
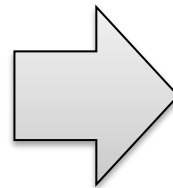
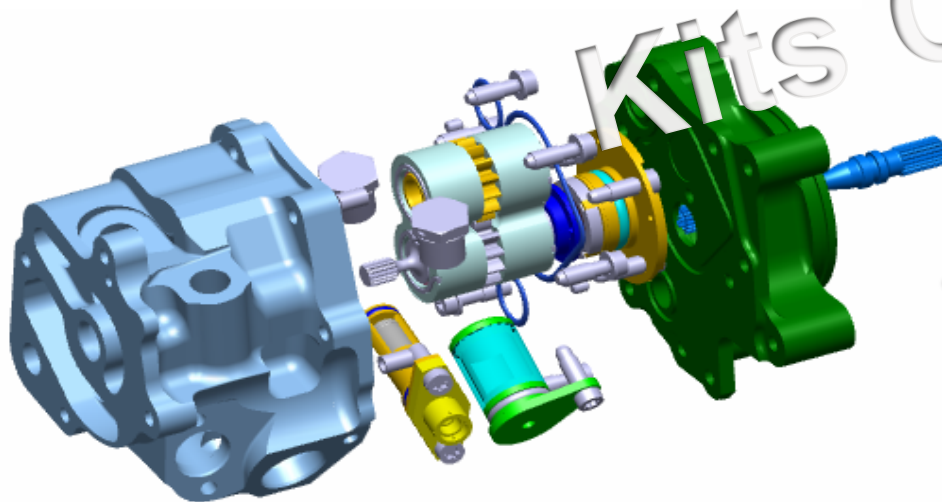
USING a regional eranet (MANUNET) to become:

- an aeronautics gearing provider.
- a CleanSky partner.



Bomba BP

- 2 Cuerpos hidráulicos
- 1 Cuerpo simple
- 1 ref. micromecánica (con tallado)
- + Cat C



Bomba HP

- 3 Cuerpos hidráulicos
- 7 ref. mecánicas simples
- 4 ref. micromecánicas (3 con tallados)
- 1 emparejado interno
- + Cat C

THANK YOU!

Juan Tomás Hernani

Mail: juantomas.hernani@esss.se

