MNT-ERA.NET:
A real tool to fund and stimulate near to market Micro and Nano Technology industrial developments
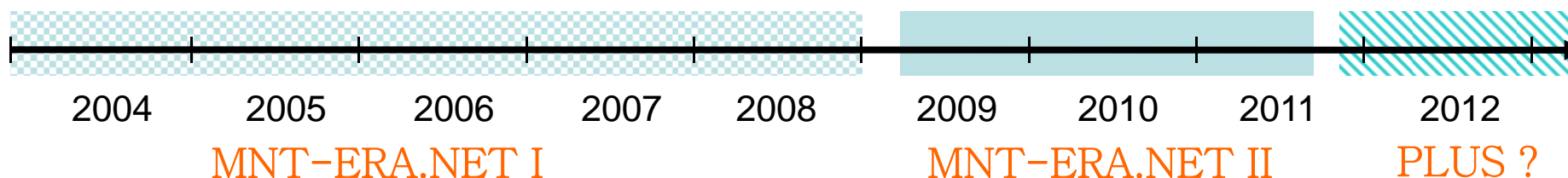
Roland Brandenburg
FFG Austrian Research Promotion Agency
Vienna, Austria

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MNT-ERA.NET History

2004   2005   2006   2007   2008   2009   2010   2011   2012

MNT–ERA.NET I   MNT–ERA.NET II   PLUS ?

FP 6:

• 5-year Coordination Action 2004-2008

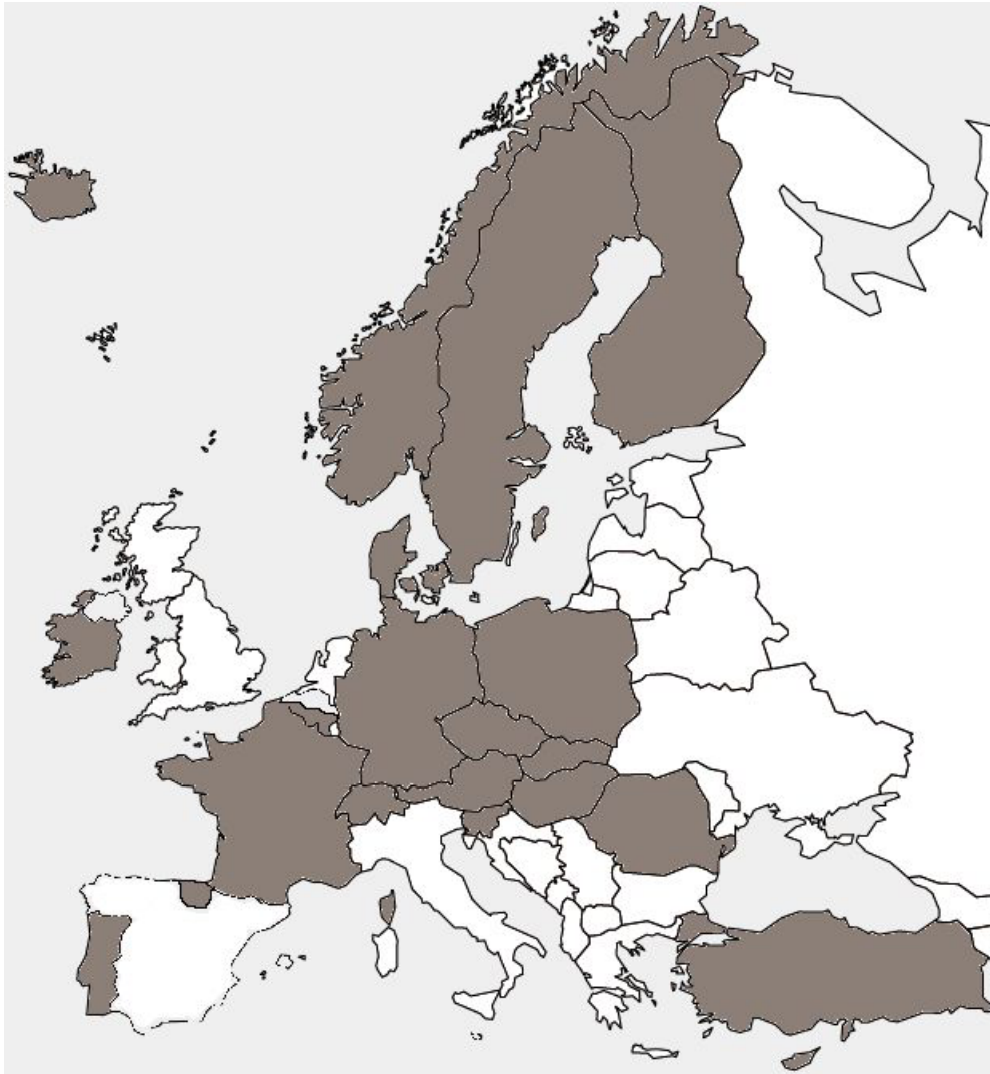 2004: 8 partners → 2008: 22 partners

FP 7:

• 2.5-year Coordination Action 2009-2011

  80% of MNT ERA-Net I partners + 5 new partners

  → **22 agencies (18 EU MS + 4 AC,** incl. 3 regions)

• ? ERA-NET PLUS 2012-?

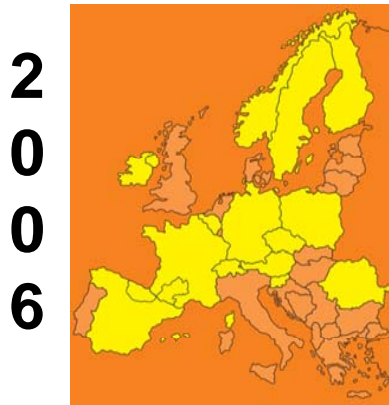mnt-era.net

MNT-ERA.NET Consortium

Austria	FFG (Coord.)
Belgium	DGOEER
Cyprus	RPF
Czech Republic	CSNMT
Finland	Tekes
France	OSEO
France	CRMP
Germany	VDI/VDE-IT
Germany	PTKA
Hungary	NKTH
Ireland	EI
Nordic Countries	Nordic Innovation Centre
Poland	NCBIR
Portugal	FCT
Romania	NCPM
Slovakia	SAS
Slovenia	MHEST
Spain	Innobasque
Spain	ITT
Sweden	Vinnova
Switzerland	OPET
Turkey	TÜBITAK

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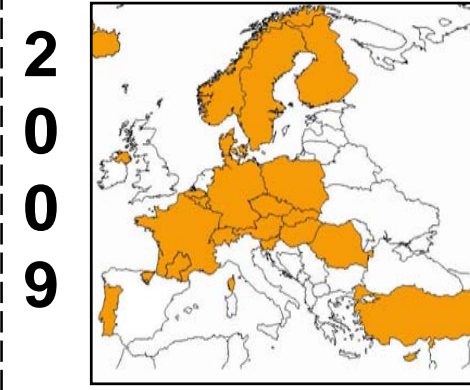# Transnational Calls 2006 + 2007 + 2008 (+ 2009)

2006 — 18

2007 — 19

2008 — 17
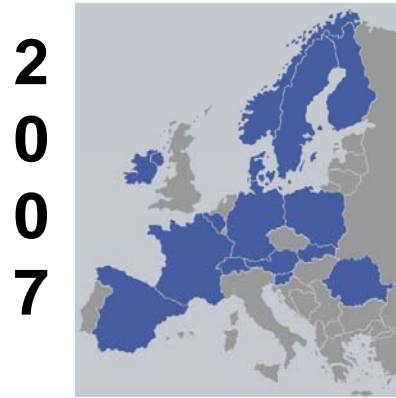
2009 — 24

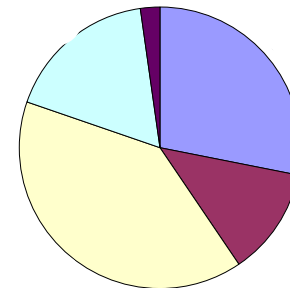Scope: "all MNT topics, but national priorities"
market oriented
min. 2 partners

4 topics
market oriented
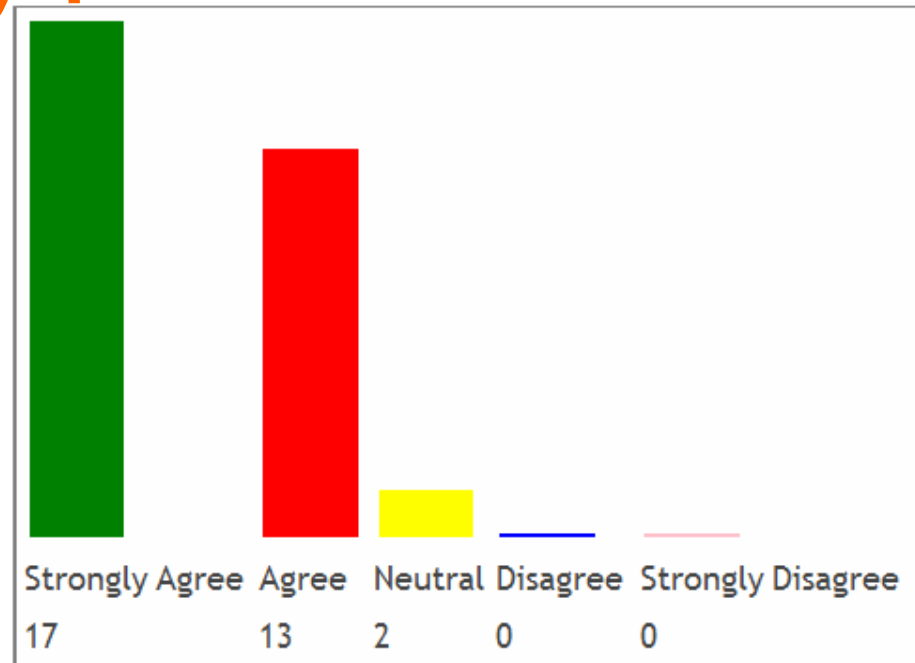min. 2 partners

→ 45 funded projects
→ 30 M€ funding

- SME
- IND
- RES
- HE
- other

40% industry
(incl. SME)

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What do the clients say ?

"… attractive alternative of setting up transnational collaboration compared to pure national schemes."

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
17	13	2	0	0

"… attractive way of funding compared to other European funding sources."

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
9	11	11	1	0

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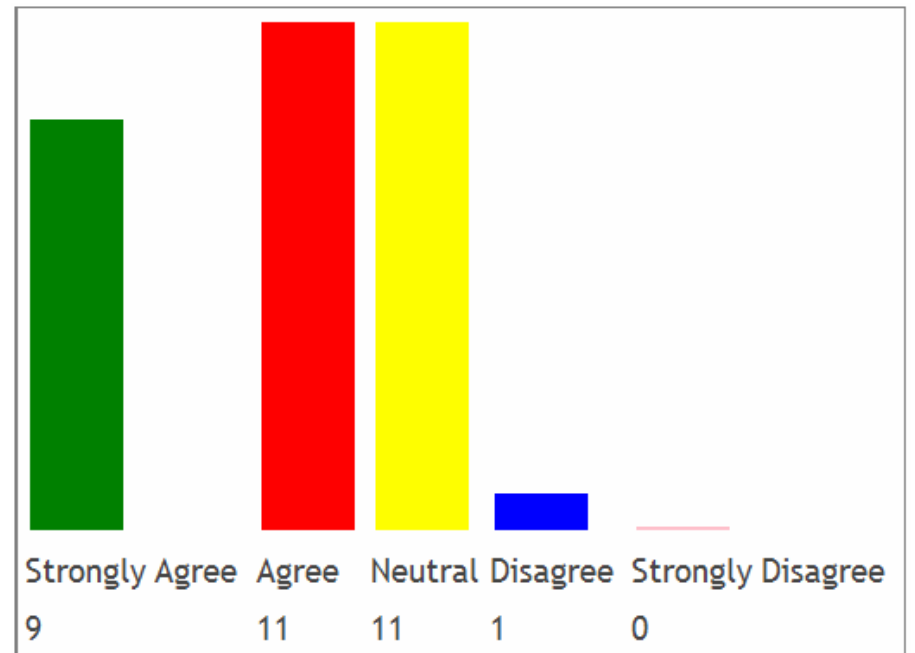
Funded projects – network analysis
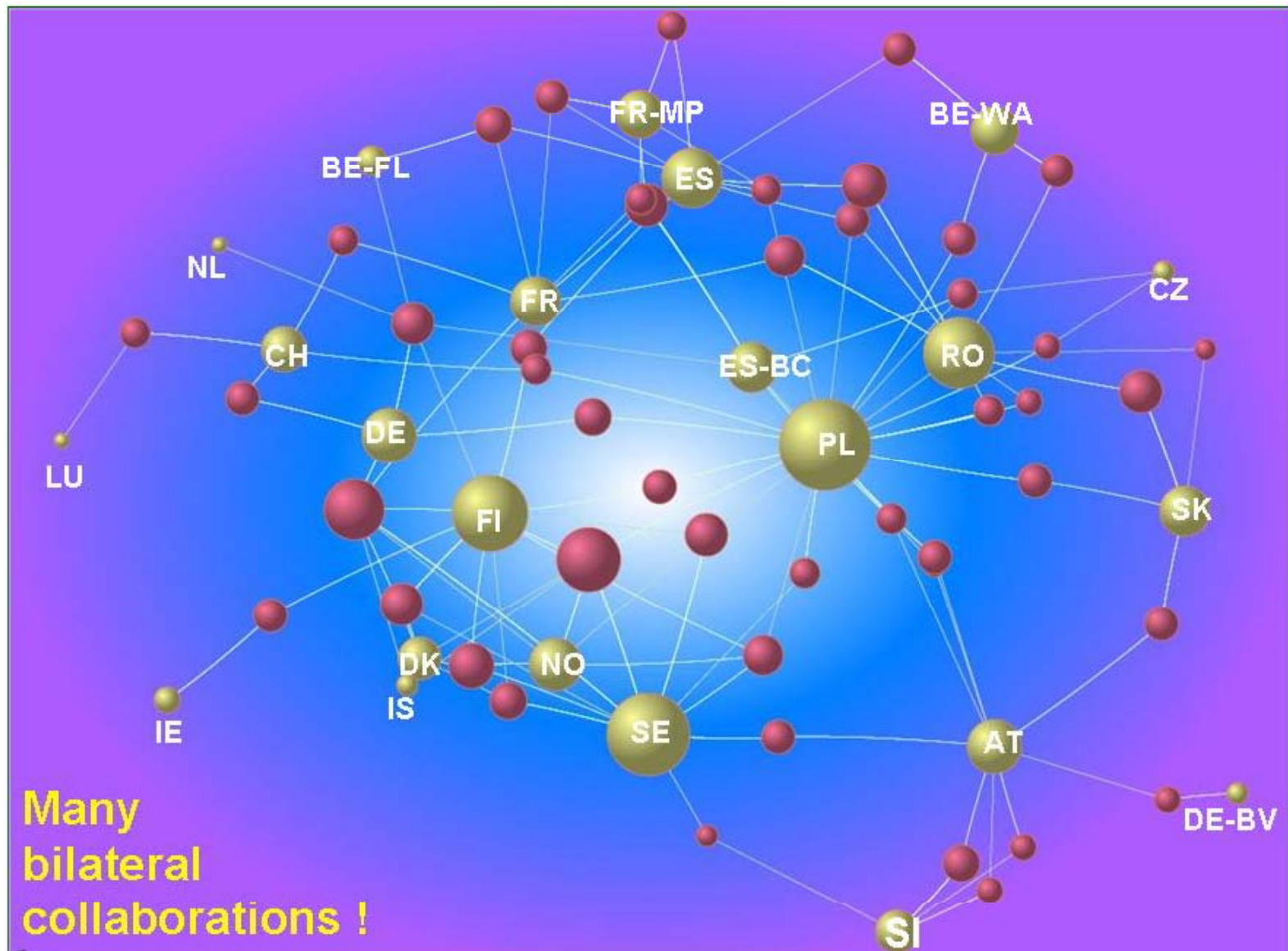
Evolution of partnership –motivation for phase 2

MNT ERA-Net

MNT-ERA.NET II

participating
national and
regional funding
programmes

Joint Programme

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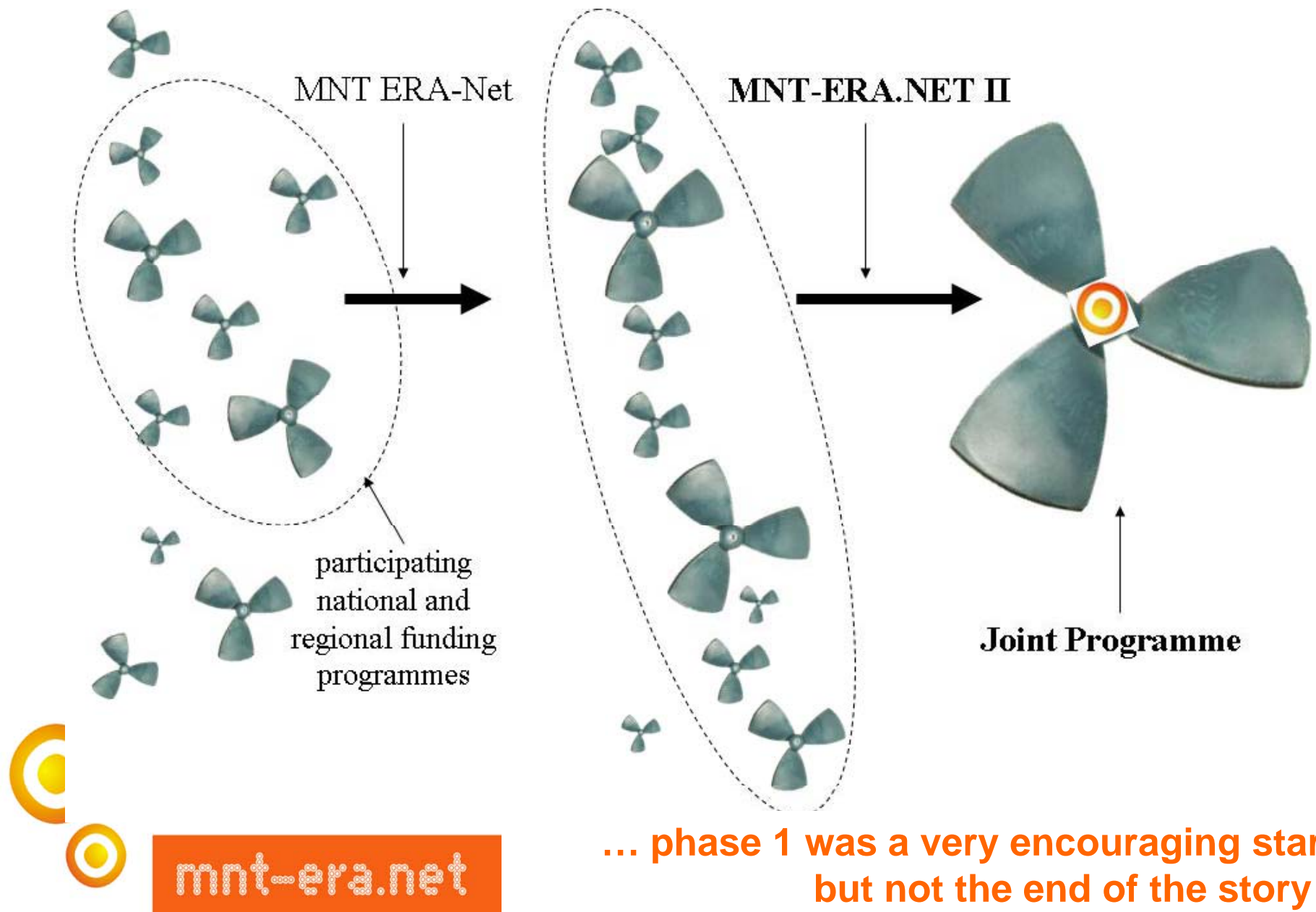
… phase 1 was a very encouraging start
but not the end of the story !

Targets & progress beyond the state of the art

- systematic **cooperation with the European RTD community** … exploit roadmaps & strategy papers published by Technology Platforms

- best possible **integration of national, regional and European strategic priorities**
  → establish a systematic multi-annual plan & joint RTD programme

- **well accepted funding instrument**: transparent criteria - low administrative efforts - high success rates for excellent proposals
  → stimulate the creation of a new highly competitive industry and increased participation of SMEs & newcomers in transnational RTD

- **streamlining** of MNT support services

- mobilisation of resources towards a foreseen **ERA-NET PLUS** activity

- **sustainable, long-term** cooperation even beyond the end of the project
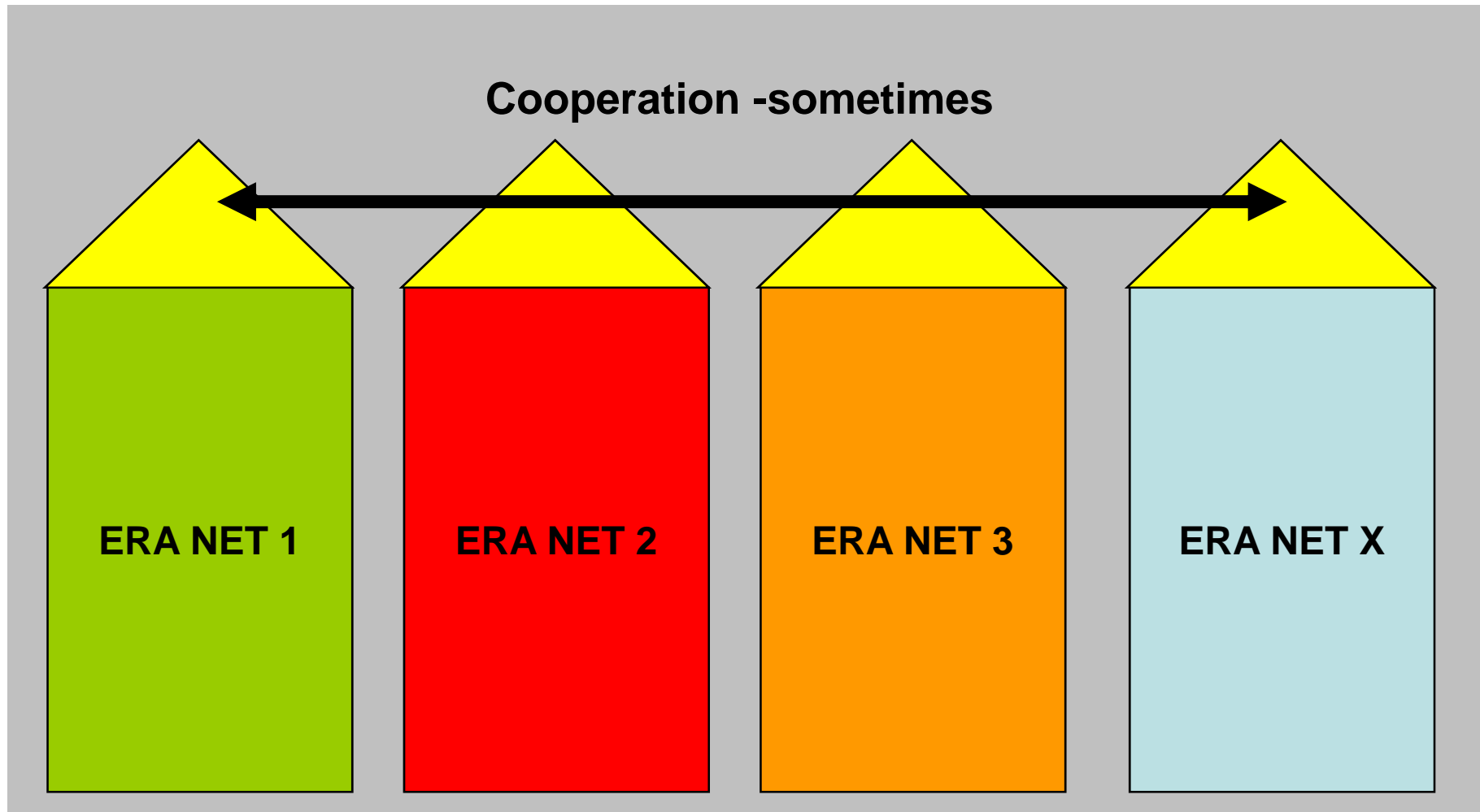
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NMP Initiatives: situation today

Cooperation -sometimes

ERA NET 1   ERA NET 2   ERA NET 3   ERA NET X

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NMP Initiatives: cooperation model 2011+ ?

Core team:
strategy, infrastructure, PR, management, EC contract

Coordination

Focus 1:

Cooperation

Integration

Implementation

Focus 2 :

Cooperation

Integration

Implementation

Focus 3 :

Cooperation

Integration

Implementation

Focus X :

Cooperation

Integration

Implementation

Funding organisations –variable geometry; EC contract required ?

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