

Skien, October 20th 2011



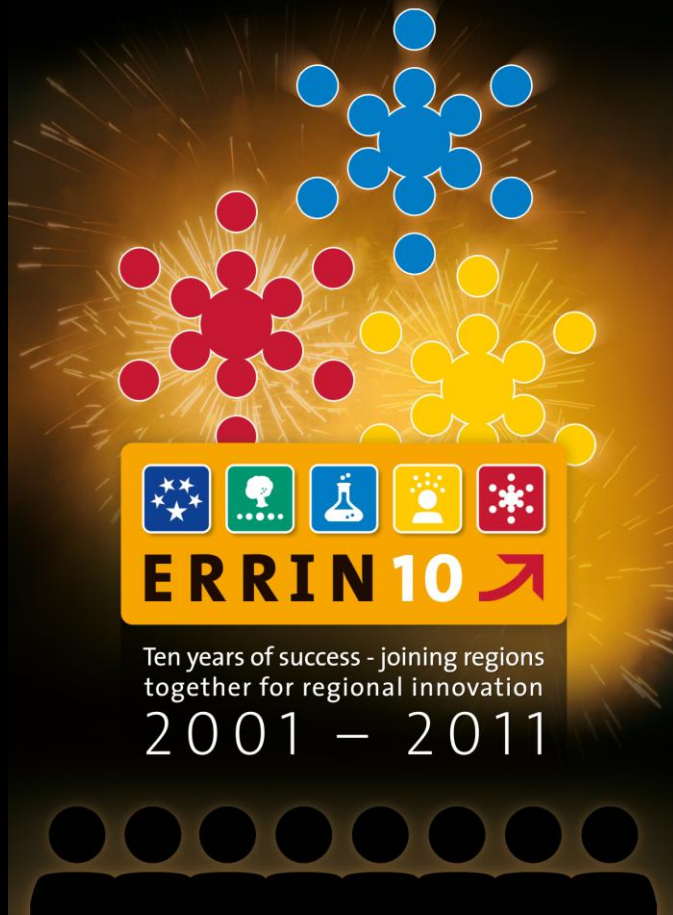
Richard Tuffs Director, ERRIN



# ERRIN: Mission

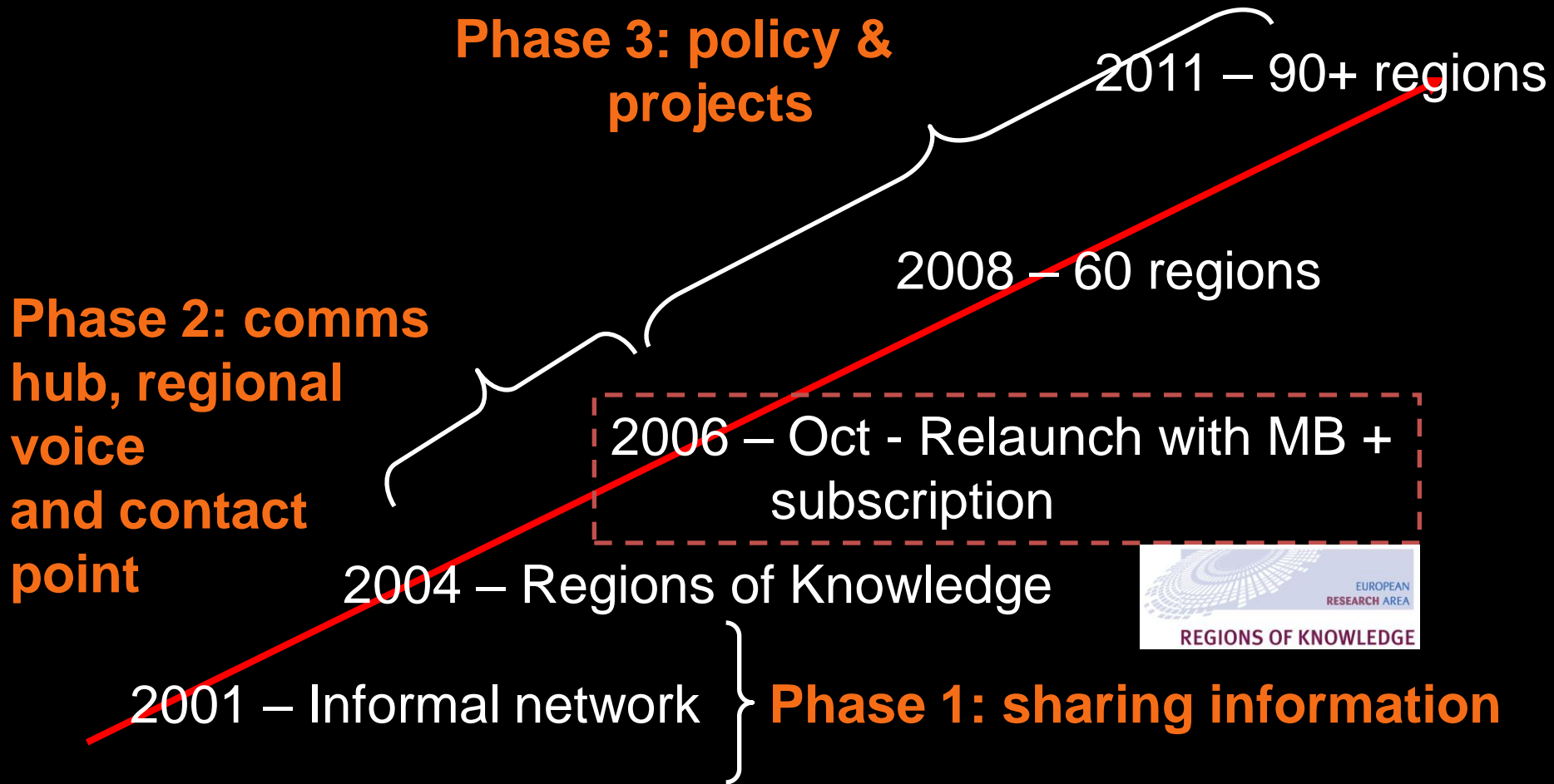
- ERRIN is a Brussels-based platform of regions strengthening regional research and innovation capacities by exchanging information, sharing best practice, supporting project development, policy shaping and profile raising.
- ERRIN helps regions get their voice heard in Brussels and supports the implementation of the Europe2020 Strategy and the Innovation Union flagship initiative.





ERRIN  
celebrates  
its 10th  
birthday in  
2011

# The ERRIN journey



# ERRIN membership per country



NorthNorway  
EUROPEAN OFFICE



Nordland  
FYLKESKOMMUNE



TROMS fylkeskommune  
ROMSSA fylkeskommune



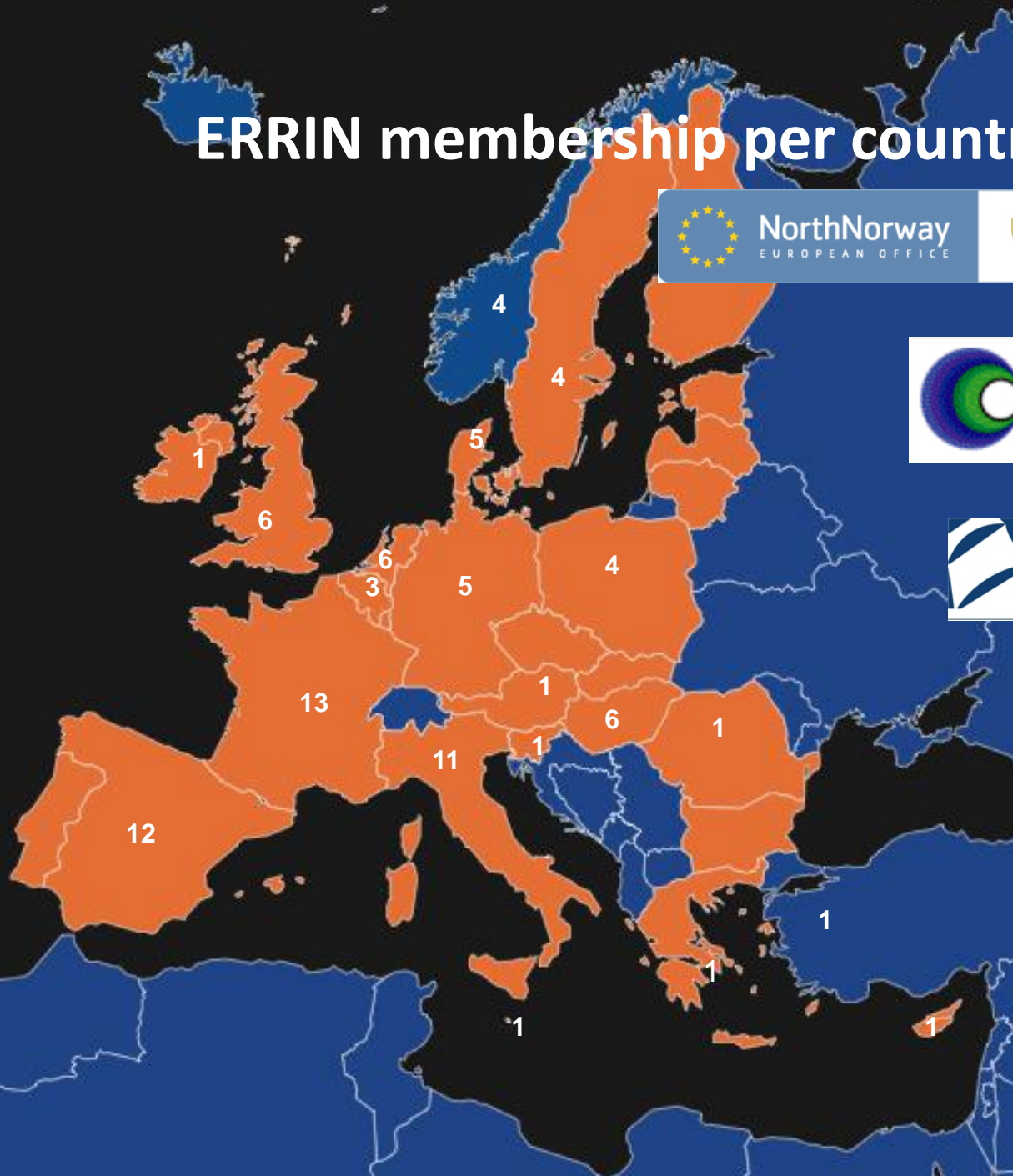
Oslo region  
European office



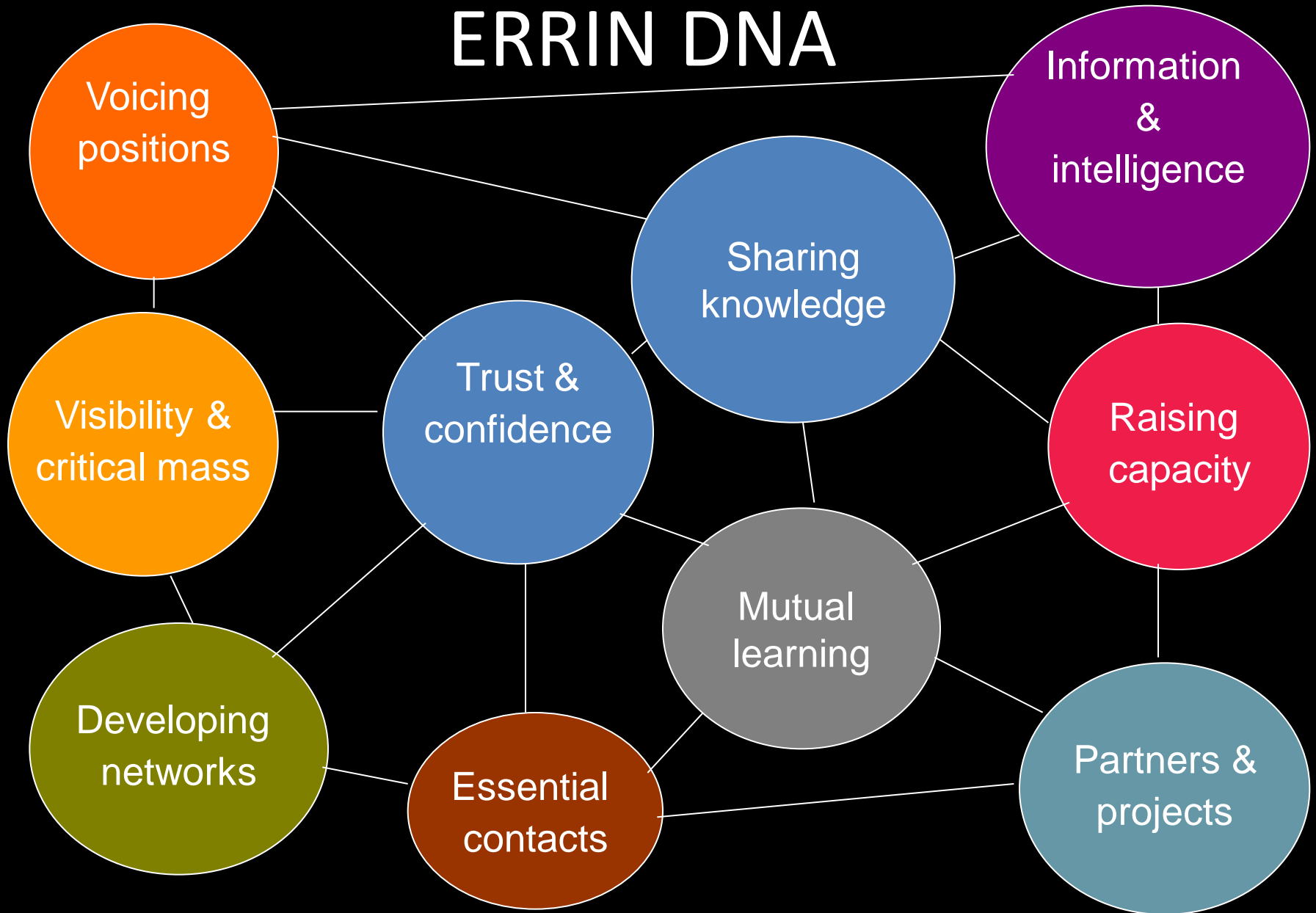
South Norway  
European office



ROGALAND  
FYLKESKOMMUNE



# ERRIN DNA



# ERRIN – 3 Ps

## POLICY

Shaping EU Research & Innovation policy

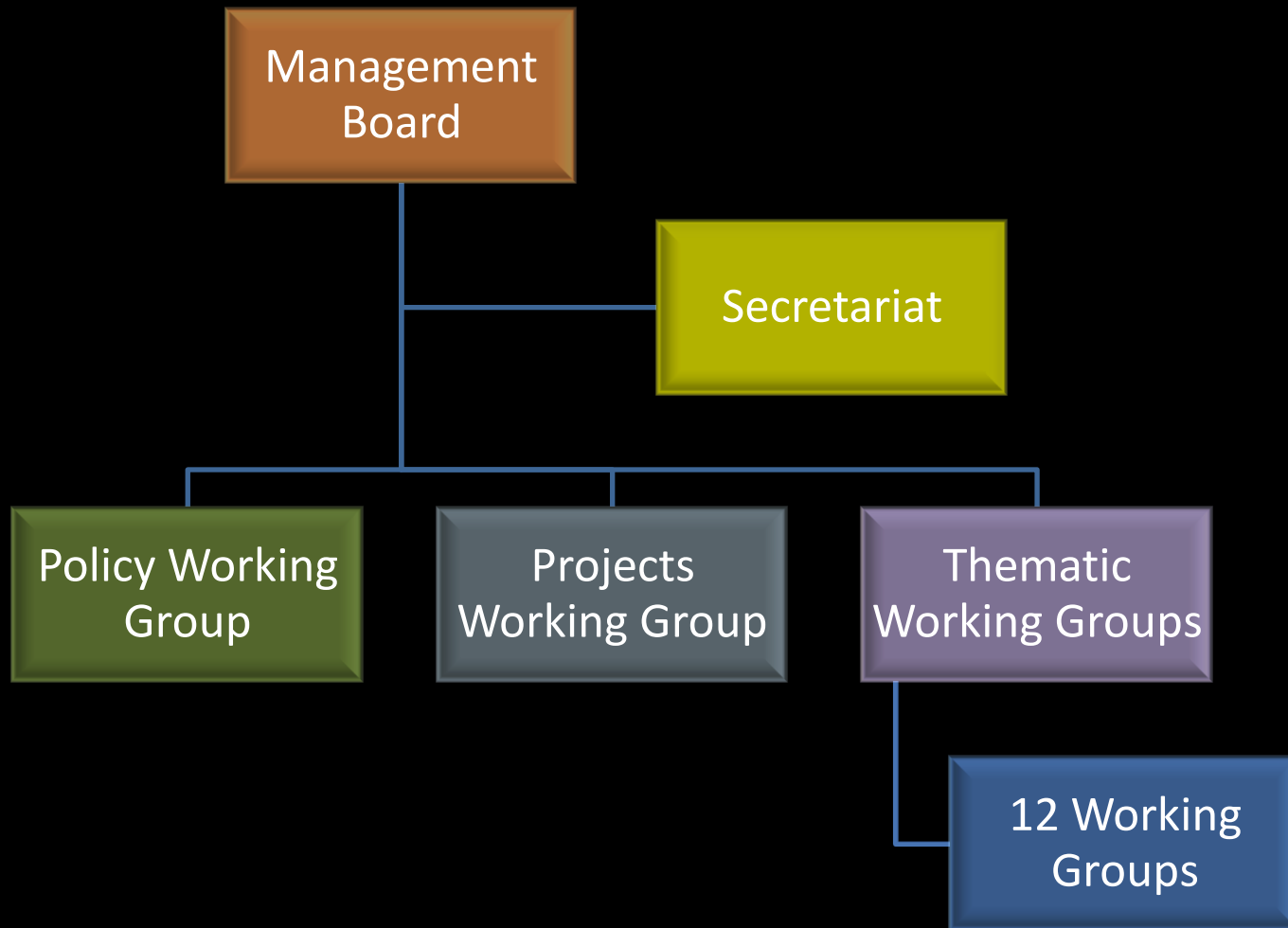
Supporting project development and engaging ERRIN regions in EU projects

Raising the profile of the network and member regions in Brussels

## PROJECTS

## PROFILE

# ERRIN Structure



# ERRIN Working Groups

## Policy

- Led by Ile de France and West Finland
- Umbrella overview of EU Policy

## Projects

- Led by Stuttgart and South Denmark
- Learning arm of ERRIN –training, regional profiling

## Thematic

- Project development
- Intelligence and information
- Sharing best practice

# Working Groups

<b>ICT</b> PACA/Folkes Malta	<b>Health</b> South Denmark/Flanders	<b>Biotech</b> Navarra/ Northern Ireland/ (CEBR)
<b>Science in Society</b> Scotland Europa/Bremen	<b>Transport</b> Eszak-Alfold/Aragon	<b>Nanotech</b> Twente Univerity /Piemonte
<b>Future RTD</b> Scotland Europa/ North Finland/ South Tyrol	<b>Energy &amp; Climate Change</b> Scotland Europa/Veneto Region	<b>Innovation Funding</b> Welsh Higher Education, Cantabria
<b>International Cooperation</b> Scotland/Catalunya	<b>Tourism</b> Tampere/Valencia	<b>Design &amp; Creativity</b> Helsinki/Flanders/CCI Paris/Central Denmark

# KEY POINTS

- 1.6 ERRIN related events per week in 2011
- Increased events based on project activities
- ERRIN engaged in high level events
  - Innovation for Stronger Regions at CoR \* ERRIN-led session
  - Innovation Convention – fringe event
  - Innovation Forum – two workshop ideas accepted – Murcia and Brainport Eindhoven accepted/
  - University Business Forum – ERRIN moderates two sessions

# ERRIN Events Semester 2 2011/1

- June 26-27<sup>th</sup> : C-Liege kick-off in Rome
- June 27<sup>th</sup> : Regions of Knowledge Information Day
- July 7-8<sup>th</sup> : PLACES workshop by Galicia in Santiago
- July 8<sup>th</sup> : ERRIN invited on panel EUREKA Conference, Hungary
- July 8<sup>th</sup> : ERRIN Summer BBQ with Eindhoven
- July 14<sup>th</sup> : Innovation for Stronger Regions at CoR \* ERRIN-led session
- Aug 30<sup>th</sup> : Polish Presidency event on Future Cohesion Policy
- Sept 1-2<sup>nd</sup> : PLACES workshop by Eszak-Alfold in Debrecen
- Sept 8<sup>th</sup> : ERRIN welcome back networking reception
- Sept 12<sup>th</sup> : Design and creativity WG
- Sept 13<sup>th</sup> : Transport and C-Liege briefing
- Sept 12-13<sup>th</sup> : Making Knowledge Work Steering Group, Lund
- Sept 14<sup>th</sup> : SiS and PLACES briefing

# ERRIN Events Semester 2 2011 /2

- Sept 21<sup>st</sup> :Regions of Knowledge Brokerage event
  - Presentation of the ERRIN RoK position
- Sept 22-23<sup>rd</sup> : PLACES Conference Paris (organized by ERRIN and Essonne)
  - 180 participants – positive feedback
- Sept 26<sup>th</sup> : Health WG
- Sept 26<sup>th</sup> : Tourism WG
- Sept 26<sup>th</sup> : Design and creativity WG
- Sept 30<sup>th</sup> : ICT WG
- Oct 4<sup>th</sup> : PLACES workshop by Scotland in Inverness
- Oct 6-7<sup>th</sup> : PLACES workshop by Scotland in Glasgow
- Oct 11<sup>th</sup> : CONCORD conference at the European Summit in European Parliament
- Oct 12<sup>th</sup> : ERRIN Open Days workshop on Smart Specialisation
  - Northern Ireland, Lodz, Basilicata, Central Sweden, Eindhoven, Navarra
- Oct 13<sup>th</sup> : CONCORD Future Internet – ERRIN on panel
- Oct 13<sup>th</sup> -14<sup>th</sup> : Making Knowledge Work – Steering Group
- Oct 14<sup>th</sup> : Future RTD

# ERRIN Events Semester 2 2011 /3

- Oct 21<sup>st</sup> : C-Liege 1st knowledge sharing workshop in Barcelona (ERRIN to organize)
- Oct 24<sup>th</sup>: Design WG on 'design days 2012'
- Oct 26-27<sup>th</sup> : PLACES workshop by Slovenia in Ljubljana
- Oct 27<sup>th</sup> : Energy & Climate Change WG
- Oct 27<sup>th</sup> : Transport WG on CIP
- Nov 7<sup>th</sup> : GMES and local authorities: GRAAL Project 1st Brussels briefing
- Nov 16-17<sup>th</sup> : MKW project at World Creativity Forum in Hasselt
- Nov 21-22<sup>nd</sup>: University Business Forum – ERRIN to moderate two sessions

# ERRIN Events Semester 2 2011 /4

- Dec 2<sup>nd</sup> : Ecolink+ transregional event by Aragon in Zaragoza
  - Dec 6<sup>th</sup>: Innovation Convention – ERRIN fringe event gender and research
  - Dec 12<sup>th</sup>: Making Knowledge Work final event at Committee of the Regions
  - Dec 13<sup>th</sup>: Innovation Forum – ERRIN at exhibition
- 2012...
- Jan 2012: PLACES workshop by Piemonte in Torino and proposed regional workshops wrap up session
  - Jan 2012: EUREKA - Regions and innovation with ERRIN

# Benefits of working with ERRIN

1. Early intelligence on EU funding programmes
2. Keep ahead of the game on EU research and innovation policy
3. Develop in-depth knowledge in key thematic areas for your region
4. Gain access to ERRIN website
5. Benefit from project opportunities
6. Find the right project partner for your project
7. Develop your EU project capacity
8. Contribute to shaping EU policy in research and innovation via a critical mass of 90 regions
9. Use ERRIN's critical mass to get the Commission to come to you
10. Raise your region's profile in Brussels

# Regions and innovation

- Regions need innovation and innovation needs regions
- Innovation needs all actors and regions
- Regions are the places where innovation takes place
  - Triple helix partnerships
  - Core competences, critical mass and connections
  - Shift of innovation from private/agent to public/network

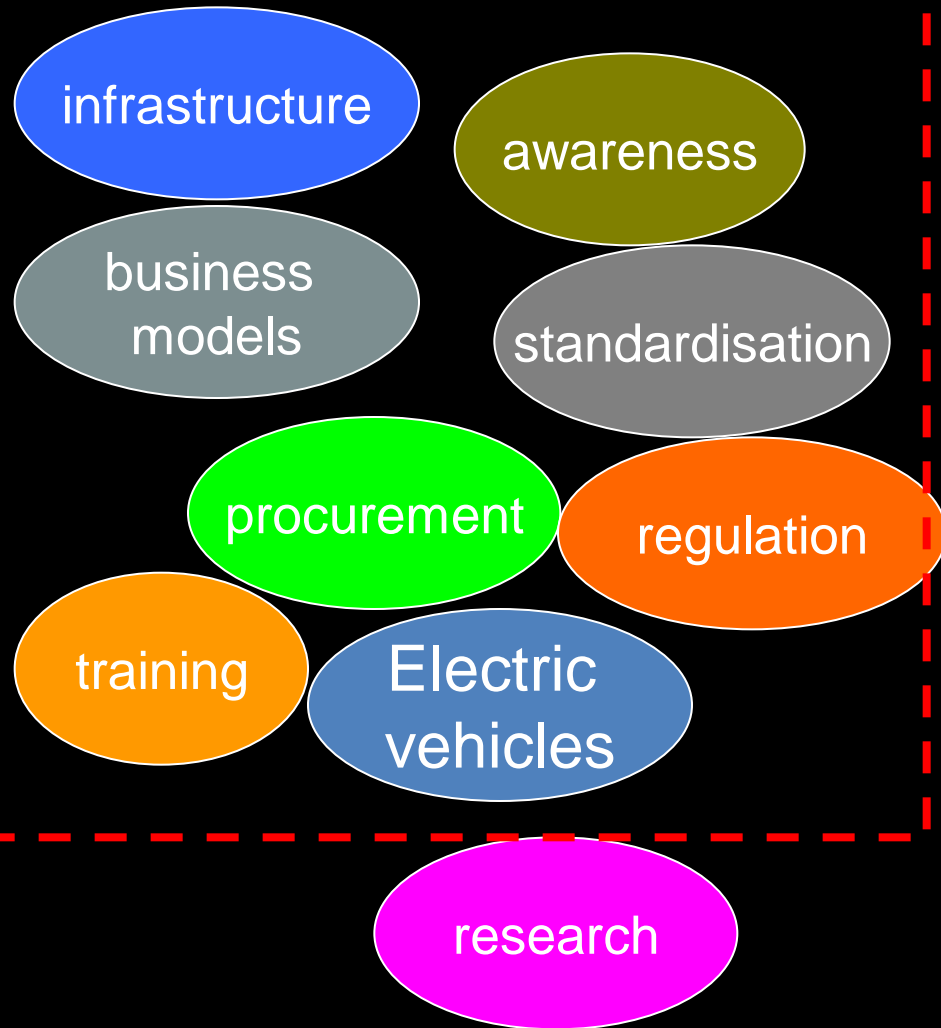
# Innovation from agent to network

Private/agent-based

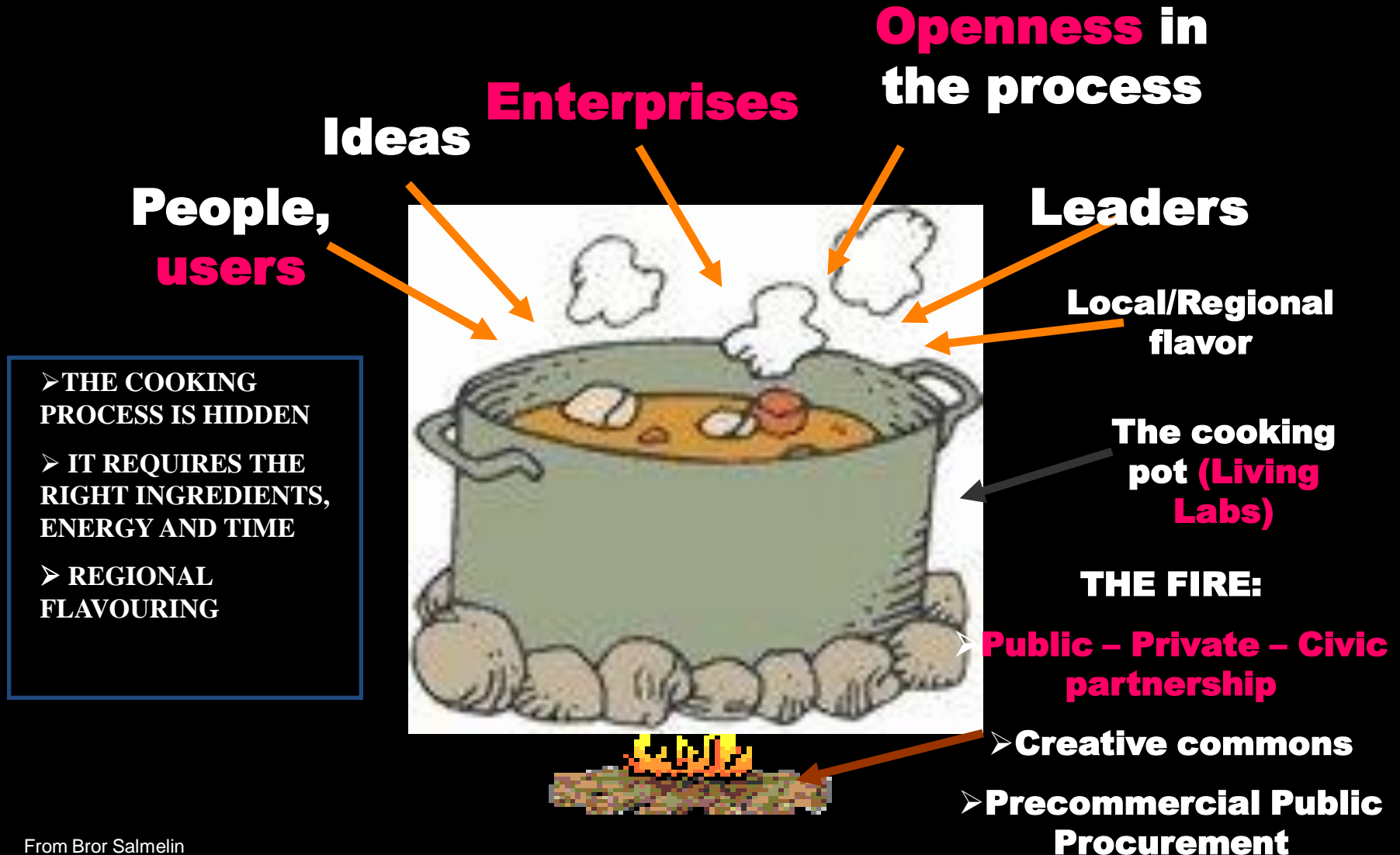


Hewlett and Packard Garage  
Palo Alto

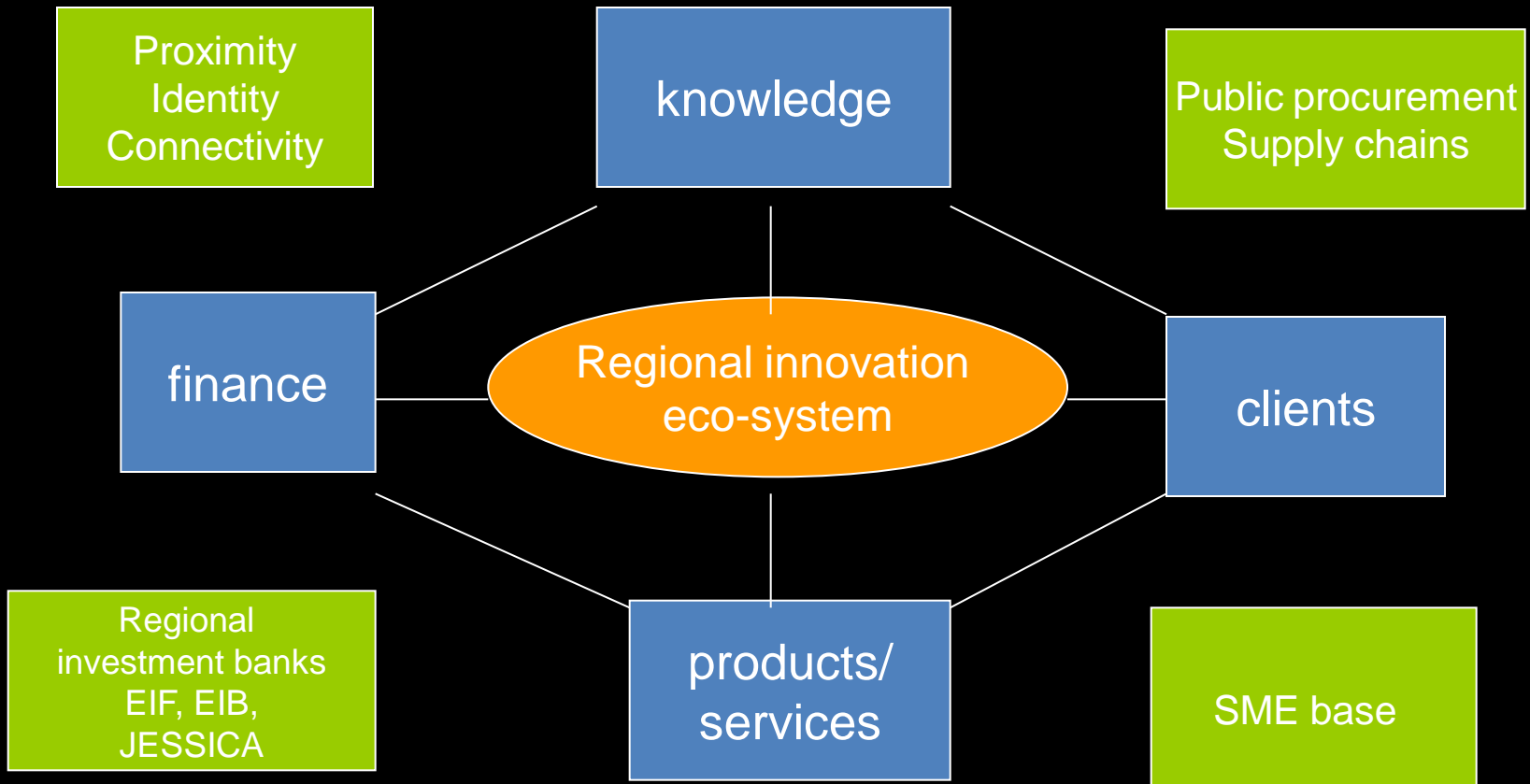
Public/networked



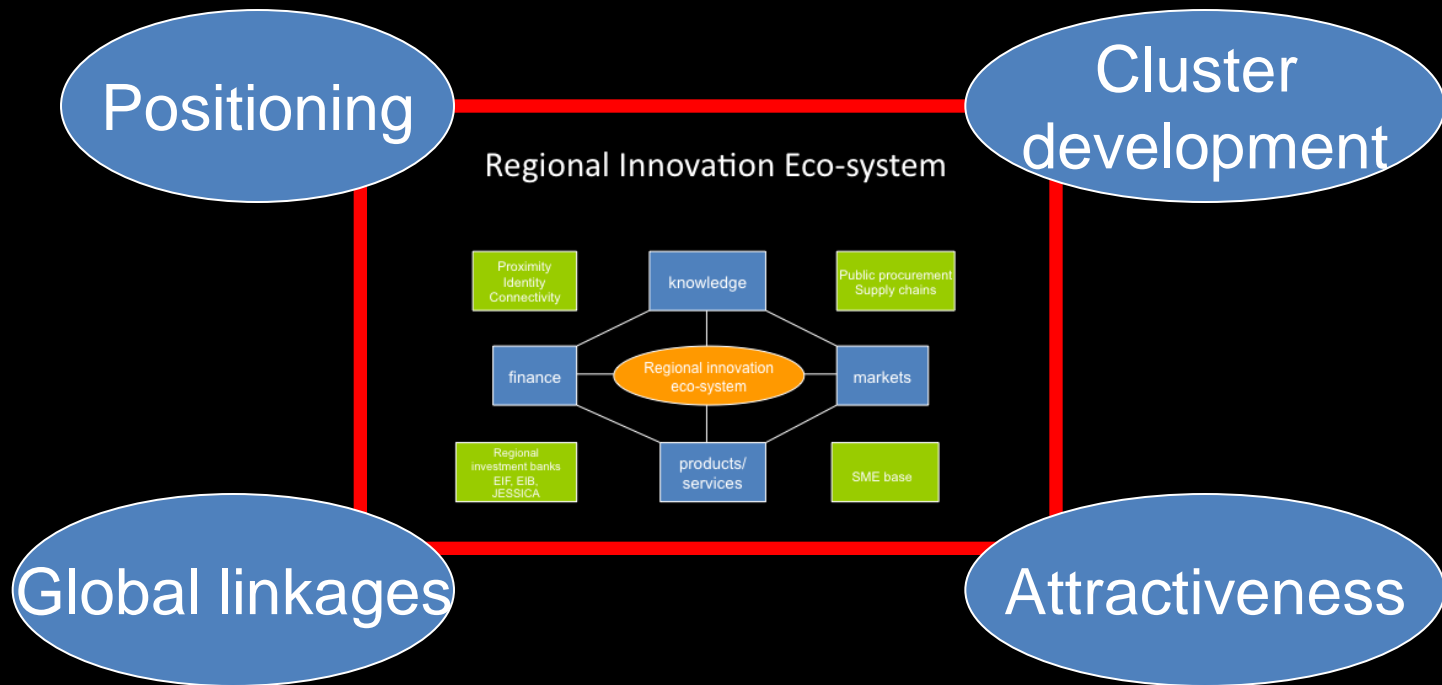
# European Innovation System?



# Regional Innovation Eco-system



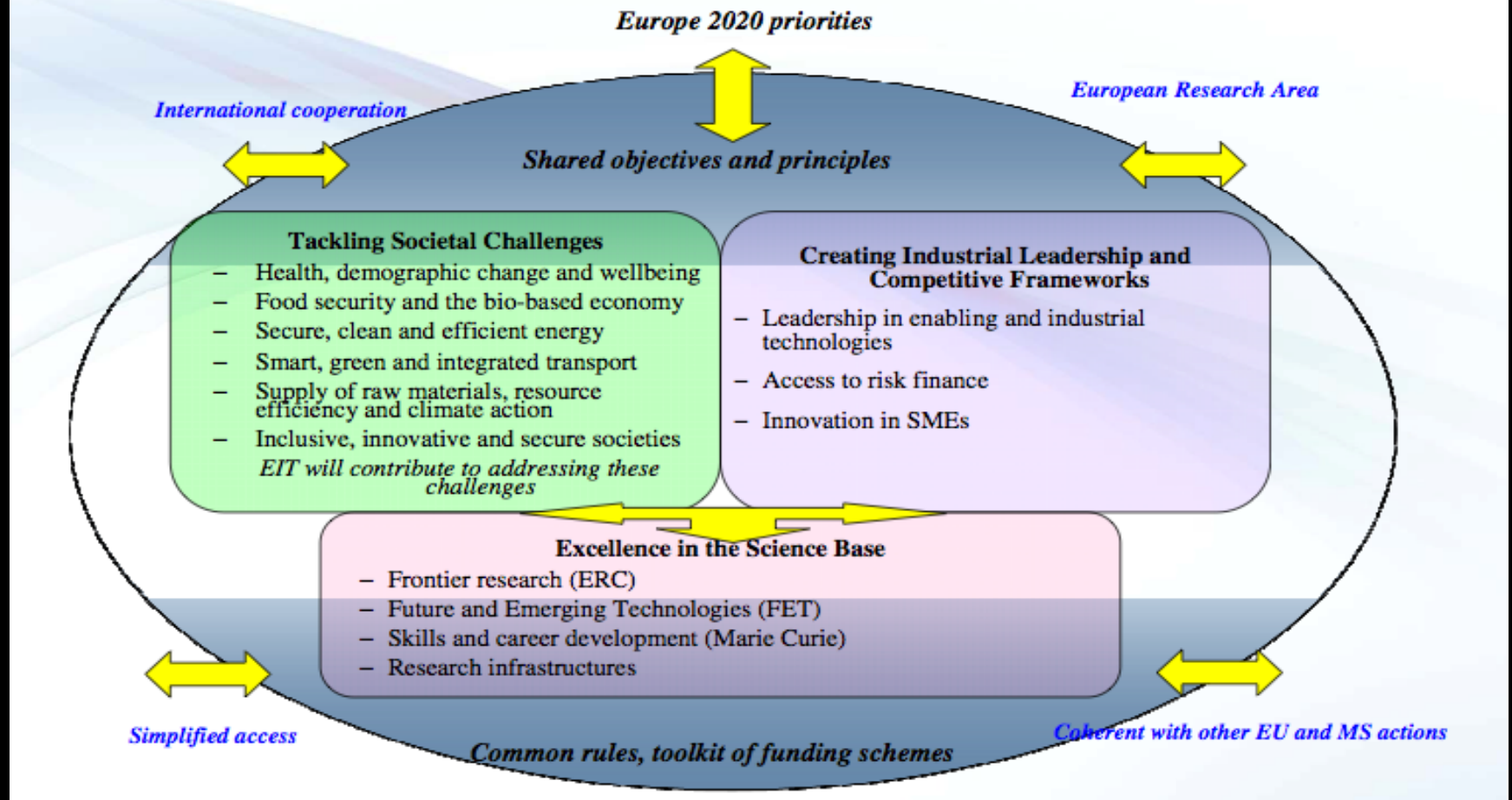
# Regional Strategies



see Ketels, WIRE 2011

# Horizon 2020

## Horizon 2020 – Objectives and structure



# Smart specialisation 1

- Strategic intelligence is needed to identify a region's high value added activities which strengthen its competitiveness.
- To have impact innovation resources need to reach a critical mass and linked to skills, education and knowledge infrastructure
- Regions need to look outwards: benchmark and collaborate

# Smart specialisation 2

- Smart specialisation policies needed for each region
- Need to compare regional strengths with other regions and look for gain via inter-regional and trans-national cooperation
- Smart specialisation requires business, research centres and universities working together to identify promising areas and also bottlenecks to innovation in a bottom up process
- Smart specialisation must include policy learning, peer reviews with regional stakeholders

# ERRIN in projects

- PLACES (FP7 Science in Society) with 10 ERRIN regions
- Ecolink+ CIP
- Making Knowledge Work (Interreg IVC) with 13 ERRIN regions
- GRAAL (FP7 Space GMES)
- C-Liege (CIP IEE)
- CONCORD (FP7 ICT Future Internet)

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MAKING KNOWLEDGE WORK.  
Exploiting Ideas. Fostering smart growth.

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OUR PARTNERS:

**MEET OUR PARTNERS**

- Brainport Development (NL)
- European Regions Research and Innovation Network (BE)
- Stuttgart Region Economic Development Corporation (DE)
- Chamber of Commerce of Milan (IT)
- Flanders District of Creativity (BE)
- Culminatum Oy, Helsinki Region (FI)
- Navarra Government, DG Enterprise, Department of Innovation, Business and Employment (ES)
- North France Innovation Development (FR)
- Kujawsko-Pomorskie Voivodeship (PL)
- Northwest Regional Development Agency (UK)
- Lund University, Øresund (DK)
- Roskilde University, Øresund (DK)
- Lodz Region (PL)
- Birmingham City Council (UK)

**Bridging the innovation gap.**

Europe has vast innovation potential. It has a long-standing tradition of breakthrough inventions. Its home to a wealth of creative people and it can capitalise on excellent research and cultural diversity. Yet, Europe does not fully benefit from these advantages, partly because research results and ideas of universities, labs, companies and inventors are often not used and turned into services and products. Making Knowledge Work (MKW) aims to bridge this gap within the innovation chain through exchange of know-how and concrete policy actions involving key stakeholders and innovation actors in the 12 partner regions of the project.

**GOOD PRACTICE** · Eindhoven/Brainport – Creative Conversion Factory

Many bright innovative ideas fail to be developed into exciting, new products simply because they see the light of day in the wrong place or at the wrong time. For example, a company may decide not to pursue an idea because it doesn't fit in with their strategy, or an idea may never get off the ground because the inventor doesn't know where to find appropriate partners. It's precisely to prevent such a waste of good ideas that a number of partners founded the Creative Conversion Factory (CCF) at the end of 2007. > [more...](#)

NING f t

INTERREG IVC

EUROPEAN UNION  
European Regional Development Fund

# Making Knowledge Work

- Exchange of best practice between 12 ERRIN regions on innovation best practices at the regional level
  - Sharing, learning, benchmarking, transforming...
- Small ideas can transform – one project, hundreds of contacts, a thousand ideas...

# Making Knowledge Work

<p>SME potential INNOSCOPE, Lille</p> <p>ON-LINE MAPPING TO ANALYSE SME POTENTIAL</p>	<p>Creative Conversion Factory, Eindhoven</p> <p>USING UNUSED PATENTS AND IDEAS</p>	<p>Mobile Heights Business Centre, Lund</p> <p>CREATE VIABLE COMPANIES THROUGH ACCESS TO PATENTS</p>
<p>IDEAS, three universities in north west England</p> <p>PROMOTING INNOVATION VIA ENTERPRISE DEVELOPMENT AND OPEN INNOVATION</p>	<p>Competence Centres, Stuttgart</p> <p>TRIPLE HELIX TO GET PRODUCTS TO MARKET FAST</p>	<p>Biotech in Flanders</p> <p>COMMERCIALISATION OF IDEAS + INCUBATOR</p>
<p>Science Parks in Birmingham</p> <p>BACKING YOUNG ENTREPRENEURS</p>	<p>Innovative Public Procurement, Helsinki</p> <p>DEVELOPING INNOVATIVE PUBLIC PROCUREMENT</p>	<p>Copernicus Astrobases, Kujazwsko-Pomorskie</p> <p>INFRASTRUCTURE TO DEVELOP SCIENCE &amp; TECHNOLOGY SKILLS</p>

# Exchange of ideas 1

- Lille's Innoscope project is an online tool that helps identify SMEs with the potential to take advantage of public funding. Birmingham is building on the Innoscope experience to develop its own tool the 'Innovation Engine' to encourage SME's, corporations, research bodies and academia to communicate, connect and commercialise together.

## Exchange of ideas 2

- Birmingham has borrowed ideas from Helsinki to improve innovative public procurement to stimulate innovation. A small scale electric vehicle will be a test bed. Birmingham will also cooperate with Eindhoven and Stuttgart on an EU call for pre-commercial procurement.

## Exchange of ideas 3

- Lodz region will take ideas from Stuttgart's competence centre programme to develop technology and science parks to concentrate resources and create synergies between triple helix partners.
- Lodz is also developing an art incubator directed at stimulating entrepreneurship in artistic communities and develop cultural tourism.

## Exchange of ideas 4

- Mobile Heights Business Centre started in 2009 with a view to using unused patents from the telecoms industry. MBHC focuses on building teams around the entrepreneur emphasising marketing, sales and customers. By March 2011 MBHC has contributed to 53 new jobs and internships
- From 41 entrepreneurs supported 8 have reached sales during their membership of MHBC

# Exchange of ideas 5

- The Design Factory at Aalto University is an exportable idea. The Design Factory open 24/7 enhances cross disciplinary ways of working and learning. The Design Factory has been an international success with over 30,000 visitors since it opened.

# Exchange of ideas 6

- Milan Chamber of Commerce needed to strengthen triple helix linkages as a key priority and valorise knowledge especially the results of public/private partnerships.

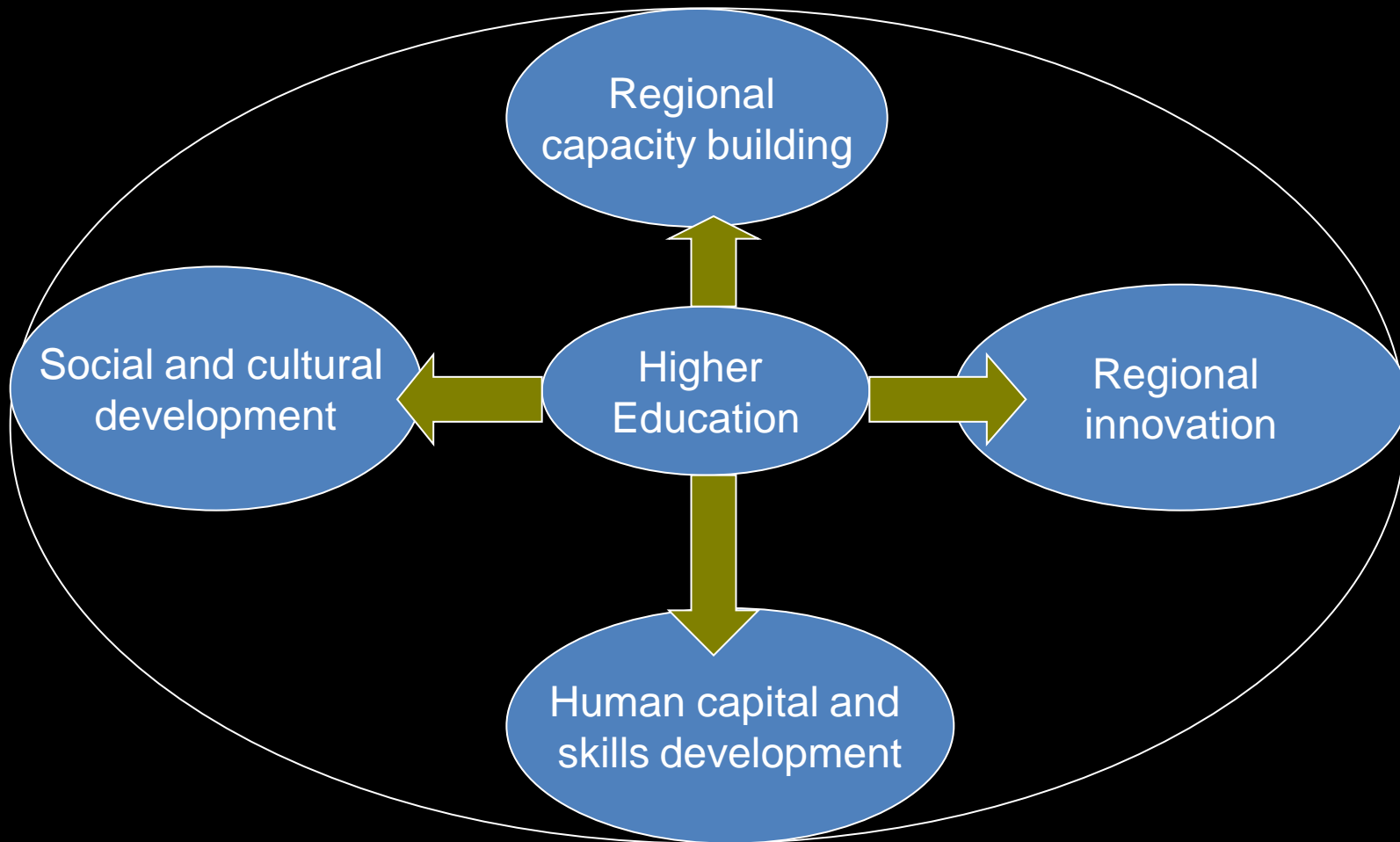
# Exchange of ideas 7

- Navarra used the Making Knowledge Work project to reinforce triple helix contacts and to be inspired by the Mobile Heights activities in Lund, the design factory in Helsinki and demonstration projects in Birmingham.
- Navarra is also ahead of the game in its Smart Specialisation Strategy 'Moderna Navarra'

# Exchange of ideas 8

- Eindhoven is building on the Helsinki innovative public procurement schemes to develop the expertise, methods and operating culture needed to bring public sector purchasing of innovative products to the next level. Eindhoven will also link up with Stuttgart and Birmingham for an EU project proposal.
- Eindhoven is proving inspiration in matching the right entrepreneurs to the right products and overcoming the 'proof of concept gap' from the Mobile Heights Business Centre in Lund

# Connecting universities to regional growth



# Universities and regional growth

	Transactional	Transformational
Need/ demand	Stated need or demand	Unstated need
Approach	Output driven	Outcome driven
Objectives	Clear	Less explicit
Time	Time bound	Long term

# Parc Leopold – an early science park



- *1891 in Brussels (city/university and Solvay company) created City of Science in park Leopold Brussels*
- *Now next to European Parliament*
- *Iconic architecture e.g. Henri Vanderveld (art nouveau)*
- *Business school, dentistry, sociology, physiology, etc.*

# Solvay Conference 1911



# Conclusion

- Regions are key to future research and innovation strategies
  - Proximity and critical mass
- Keep up to date with EU terminology
  - Europe 2020
  - Innovation Union
  - Smart specialisation
  - Boundary spanner = people who can operate in academic, public and business worlds