ESPON Workshop
05 October 2012

Advanced Monitoring and Coordination of EU R&D Policies at Regional Level (AMCER)

INNOVA Europe

AMCER Focus

- Main R&D and territorial challenges at regional level

- Impact of EU programmes on regional RDI sector
  - FP (Framework programme)
  - CIP (Competitiveness and Innovation Programme)
  - Structural & Cohesion investments on R&D (ERDF) (European Regional Development funds)

- Effective localisation of investments (HQ effect),

- Expected/effective benefits (cooperations, HR, patents, etc.)

- Coordination (FP7/Horizon 2020 => EC; ERDF => Regions)

AMCER participating Regions

- Tuscany (*coord.*)

- Andalusia

- Catalonia

- Bretagne

- PACA Côte d'Azur

- Ostrobothnia

- Lower Saxony

- Flanders

- East of England

Overall Objectives

- Provide a framework for the analysis and monitoring of the impact of EU R&D policies at regional level

- Create strategic knowledge and build better synergies between regional and EU R&D policies

- Study the participation of 9 EU regions in EU R&D&I support programmes and their consequence for development of regional R&D

Results of AMCER

- Synthesis of the main R&D and territorial challenges at regional level, for each of the nine case-study regions

- List and a breakdown of EU R&D investments at regional level in the nine case study regions

- Methodology for the development of regionalised data on the results of FP6/FP7 and CIP at regional level

- Analysis of EU R&D policies' impact on both R&D performance and territorial cohesion in the 9 regions

- Synthesis and inter-regional comparison

Results for policy processes

- Recommendations on EU RDI programmes @ regional level

- Strategic Reference Frameworks and Operational Programmes (2014-2020):

- Horizon 2020 will not support capacity-building and will not take into account geographic specificities in allocating funding.
- Relevant preparatory measures and capacity building through ERDF
- Basis for preparation RIS3.
- Practical aspects of coordination of assistance (track localization, cross monitoring, etc.)

- Recommendations for the development of regionalized indicators on the results and impact of EU R&D policies.

Improved and strategic governance tools

- Time-wise: better knowledge of flow of EU funds, monitor and to compare the performance of regional stakeholders between 2 periods.

- Intra-regional perspective: what is ratio of EU funds vis-a-vis other national or regional supports in terms of participation, coordination, and budget. This monitoring improve coordination of regional with national and European supports.

- Inter-regional perspective: benchmarking of regions in terms of the leverage effect of EU programmes and R&D specialisation.

- The structuring effect on European research area: analysis of partnership building (network analysis) and collaboration intelligence (capacity building).

- Strategic perspective: AMCER aims to provide better insights on the strategic alliances that stem from European cooperation projects and on who are the most active players in this regard (regions, actors).

DFR Findings

Regions need to increase R&D capabilities, additional spending and personnel to strengthen the competitiveness

Regions have benefitted from their participation in EU programmes, BUT difficult to establish a clear link with economic performances
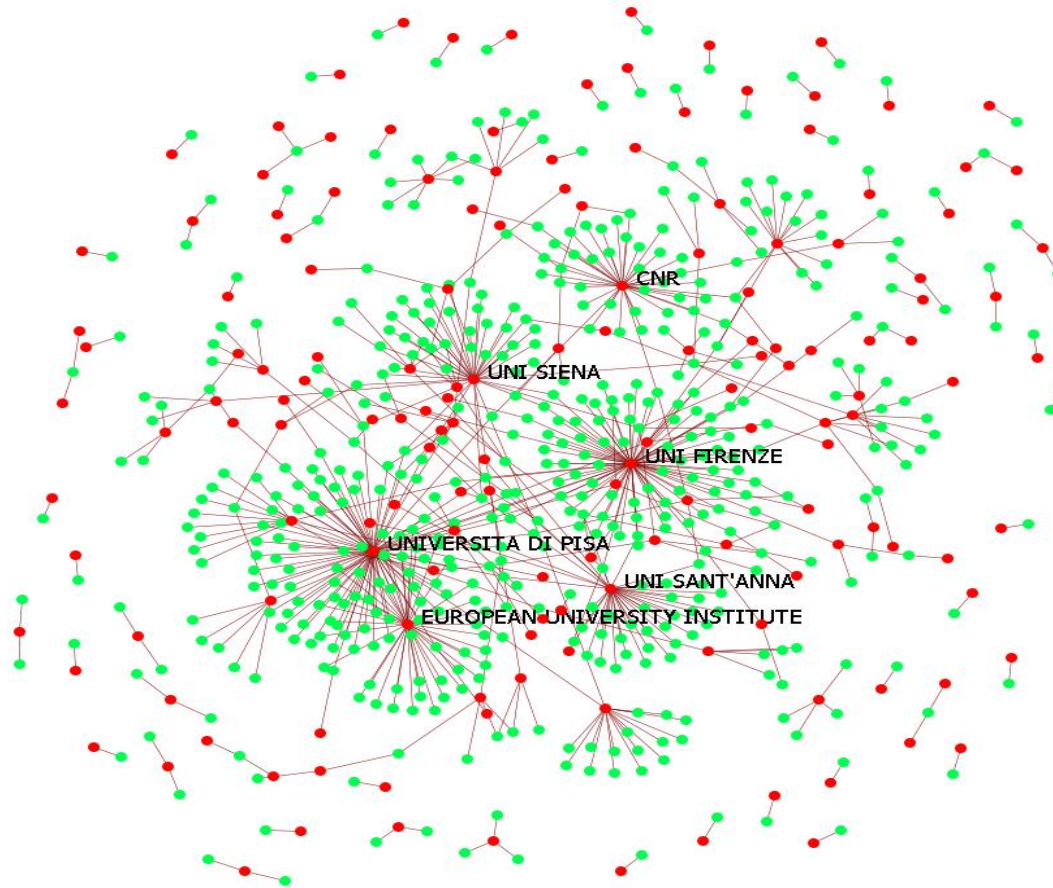
Headquarter effect = 7,5 % of participations misplaced

SME account for an average of 15% of FP7 funding

Participations and predominant R&D themes identified but the situation specific to each region

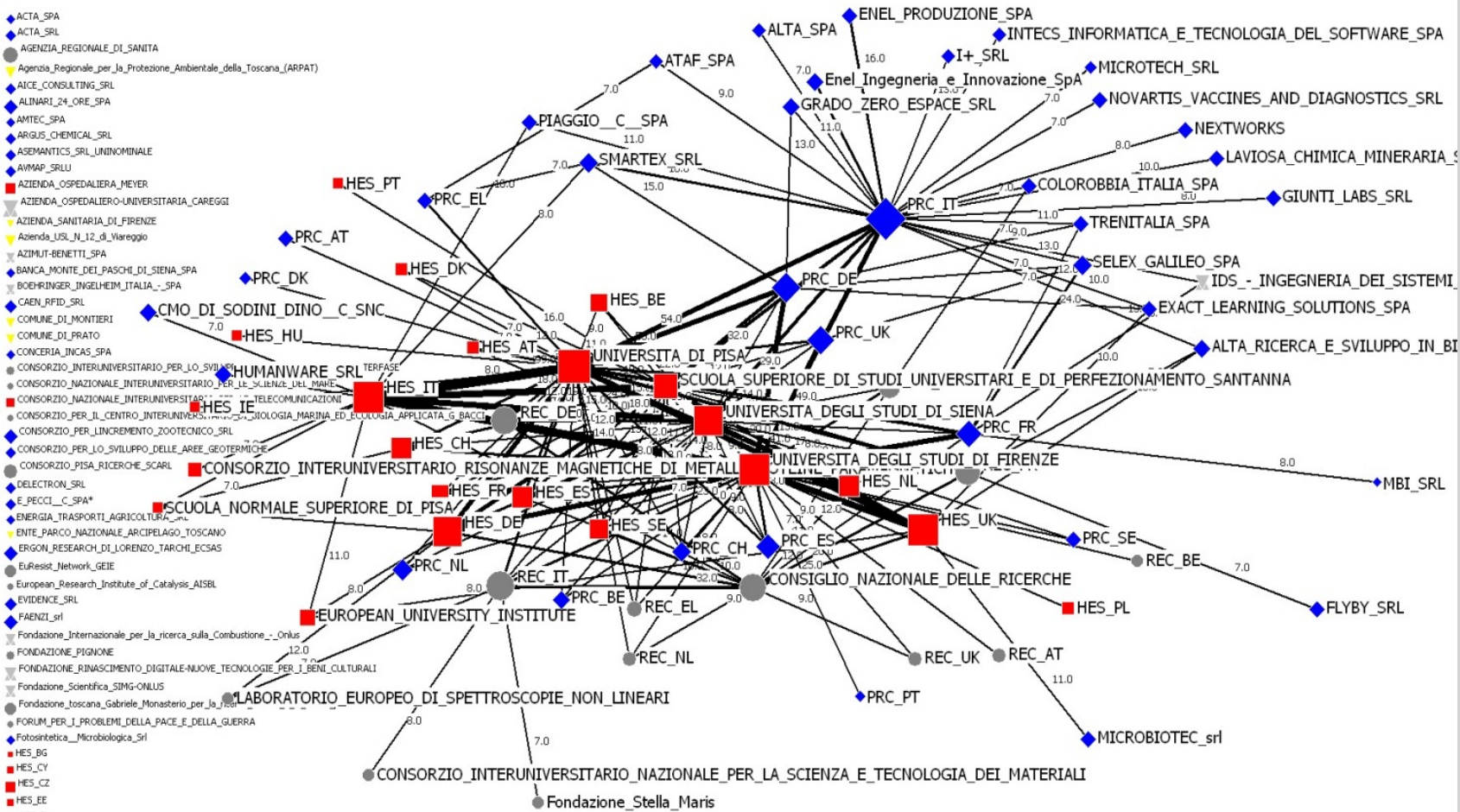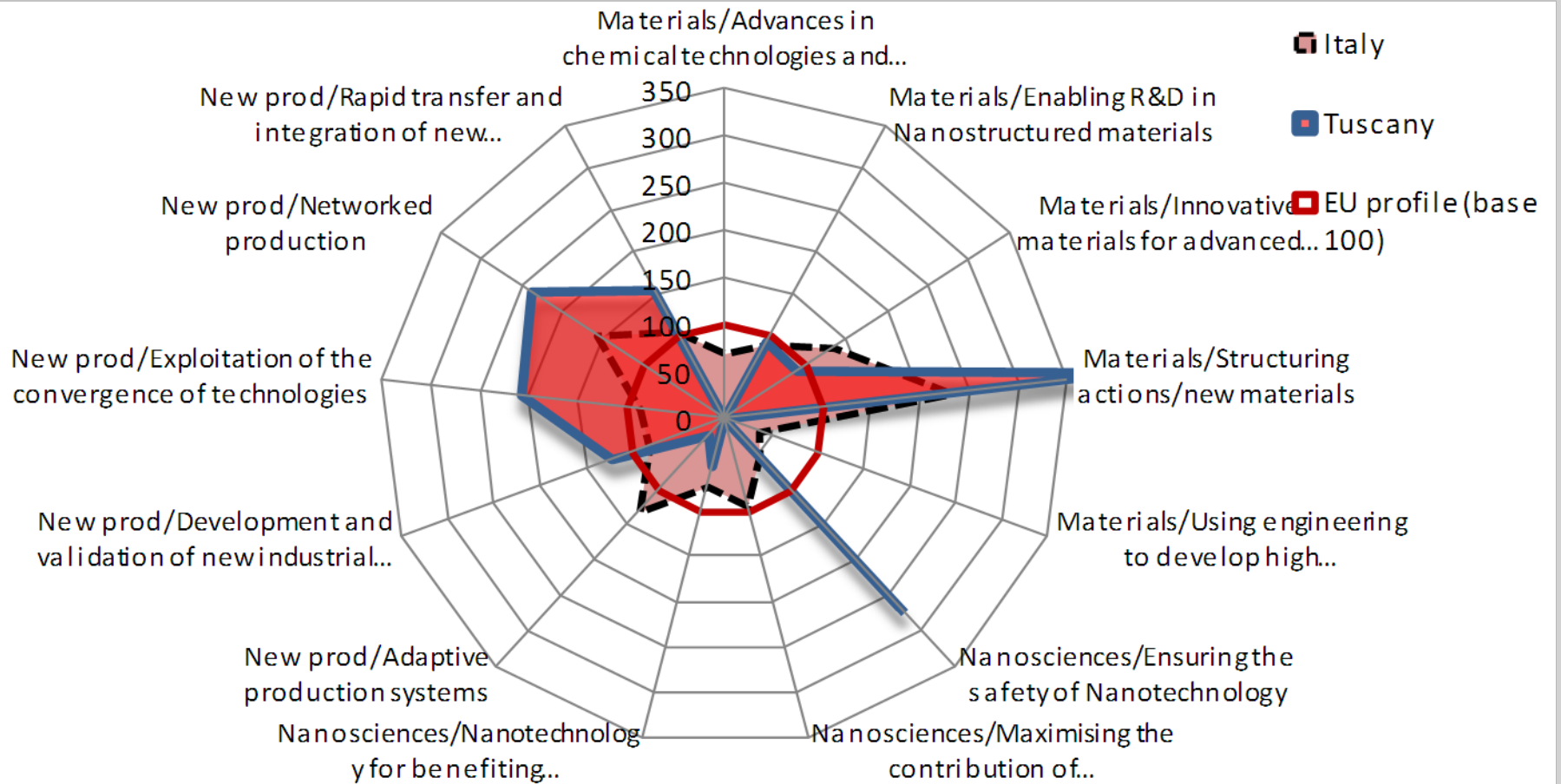# Tuscany: Network of the regional collaborations in the FP7

Meta Network

CNR

UNI SIENA

UNI FIRENZE

UNIVERSITA DI PISA

UNI SANT'ANNA

EUROPEAN UNIVERSITY INSTITUTE

powered by ORA, CASOS Center @ CMU

Tuscany - Social Network Analysis

Tuscany – specialisation in nano and materials

KIT & AMCER

- KIT & AMCER analyses territorial dimension of innovation.

- AMCER narrower focus: cover 9 regions and concentrates on results participation in EU RDI programmes and

- Integrate also the governance and policy dimension.

- KIT classification of regions based on quantitative data.

Policy Recommendations

• Need overall approach combining: territoriality elements of RDI programmes, access to data, harmonized monitoring approach and indicators, coordination of programmes (EU/national)

• Improve EU databases integrate geographical information and localisation,

• In regions: improve administrative coordination btw ERDF and FP/CIP

• Need common definitions and set of scientific themes

• Agree on a common set of indicators for monitoring R&D participation

• Harmonize approach to SMEs

AMCER Methodology approach

Aim: deliver a harmonised methodology on the databases and recommendations on the shape of future databases so as they support evidence-based policymaking.

Focus: on a description of the process followed to access to data, analyses performed and results achieved.

Approach:Evaluate Headquarter effect; rate of participation in FP7, distribution at infra-regional level, by participant type, by by programme and by theme, etc.

In addition, cooperation and networking and outputs in terms of employment and patents.

Goal: develop a practical 'how to' guide for other regions to build own assessment process, to improve planning and their approach to Regional Smart Specialisation.

- For more informations

- http://www.espon.eu/main/Menu_Projects/Menu_TargetedAnalyses/amcer.html

- Thank you !