

Workpackage number: WP 3.5		Start date or starting event: month 29					
Workpackage title: <i>A Broad Based Third Generation Knowledge- and Innovation Policy for the Advancement of a Knowledge Based Society</i>							
Participant id:	SPRU	IWH	NIFU-STEP	CEE			
Person-months per participant:	1	1	1	1			

Objectives:

The overarching objective of the workpackage is to contribute to the development of a broad based third generation knowledge policy (including research, education, and innovation policies) for the advancement of a knowledge based society.

This policy must encompass all policy areas that are of relevance to learning and innovation in companies as well as in institutions for higher education and research, and consequently include policies that use market mechanisms (e.g. competition, setting of incentives), public support for R&D and innovation activities, and policies that aim at increasing the absorptive capacity of firms and institutions (networking, recruitment and life long learning included).

- 1 The first objective is to discuss all policy-relevant findings from all previous workpackages to search for conflicts and to decide whether the conflict lies in the aims the policies target, or whether we have to select between two alternatives.
- 2 The second objective is to amalgamate the results of the Brussels meeting into one broad based third generation knowledge policy for the advancement of a knowledge based society.

Description of work:

1 This work package is based on the lessons learned in the other parts of the project. Hence, the researchers will take into consideration the analysis of different types of knowledge (codified, narrative, tacit, public, private etc.), as well as the socio-cultural, organisational, and institutional framework conditions for knowledge creation. U-Know will discuss the general policy implications from the project's understanding of competence development in and between firms and knowledge institutions, and propose a broad based mix of policy measures (as developed in the project milestones). U-Know will prepare a discussion paper that can function as a basis for an interactive discussion process at the Brussels conference consisting of representatives from all workpackages, as well as invited researchers, stakeholders, and policy makers. The discussions and propositions for conflict resolutions are presented at the Brussels meeting:

- innovation policies and instruments targeting knowledge creation and innovation processes in firms (M5 from WP 1.1). These includes measures aimed at strengthening the absorptive capacities of firms and developing their human capital (M6 from WP 1.1 and M9 from WP 1.2);
- policies targeting foreign direct investment, and knowledge and technology transfer within the production networks of the enlarged EU (D26 from WP 1.2);
- competition policies, taking into consideration how market structures are determined by market-specific knowledge processes (M10 from WP 1.3) and the market structures we typically find in knowledge-intensive product markets (M11 from WP 1.3);
- policies for higher education and research, in particular policies targeting university and college governance and the policies targeting the link between public science and industry in a knowledge based society (M12 - M15 from WP 2.1 and WP 2.2);
- measures targeting learning, networking, and innovation in policy organisations, including participation in international organisations, interaction between business organisations and ministries/agencies, as well as the interaction between ministries and agencies responsible for education, research, public modernization and industrial innovation respectively (M17 from WP 2.3);

- networking policies targeted at organisational and policy learning in the education and government/administration sectors (M18 on societal fabric, and M19 on policy learning and network governance in southern and eastern Europe, from WP 3.1);
- political and administrative implications of changes to the form and function of the IPR regimes and to the institutional and organisational arrangements (M20 - M21 from WP 3.2);
- limitations as much as implications determined by non-economic motivations and socio-cultural attitudes (impacts of socio-cultural attitudes and non-economic motivations on the knowledge process and knowledge characters, M22 from WP 3.3); and
- policies targeted at cognitive flexibility (M24), at reducing network misalignments (M25), and at amending the weakest links in innovation systems (M26).

2 Based on the discussions in this conference and on input from the EU projects 'Trend Chart on Innovation' and ERAWATCH, U-Know will revise the policy paper and add a policy measure toolbox that can be used in the development of a knowledge based society. It should be noted that this toolbox is to serve as a source of inspiration for European policy makers, not as a set of best practices. Given the diverse nature of national innovation systems, policy makers must take the local historical, economical, and social trajectories into consideration when developing new policy instruments.

Deliverables:

- D37 *Discussion paper proposing a broad based mix of policy measures on competence development in and between firms and knowledge institutions.* Responsible: CEE, SPRU, IWH, NIFU-STEP (month 32)
- D38 *Policy-briefing papers on particular aspects of policies and regulations targeting network misalignments in support of the transfer to a knowledge based society.* Responsible: CEE, SPRU, IWH, NIFU-STEP (months 32-36)
- D39 *Policy-briefings with relevant policy-makers both at national and European levels.* Responsible: CEE, SPRU, IWH, NIFU-STEP (months 32-36).

Milestones and expected result:

- 16 The description of a broad based third generation knowledge policy for the advancement of a knowledge-based society