EPPKA2 - Knowledge Alliances 2015

COMPENDIUM: Selected projects for funding			
Application Reference Number	**ORGANISATION- Institution Name**	**Application Title**	**Applications Compendium**
562603-EPP-1-2015-1-FI-EPPKA2-KA	KARELIA AMMATTIKORKEAKOULU OY	Empowering Regional Development and Innovations	The European partner countries struggle with economic and social challenges. Remote and rural regions suffer from decreasing economy, unemployment and migration. ERDI seeks solutions to these problems boosting the expertise, entrepreneurship and co-creation of knowledge in bioeconomy. ERDI project aims for better graduate employability and improved competitiveness of the regional economy to gain better income in the future. Bioeconomy in ERDI refers to a sustainable but profitable use of renewable natural resources in the field of energy and agriculture. Bioeconomy is one of the growing businesses in Europe. It is a tool for sustainable and inclusive economic growth and job creation. However, bioeconomy still suffers from a lack of skilled labour and also business models are still too few. ERDI works through a multidisciplinary and international network of educational institutions, enterprises and administrators. ERDI develops the students' and other beneficiaries' expertise in bioeconomy and supports multicultural and transversal skills. ERDI also internationalises the education; fosters innovations and builds bridges between the stakeholders on different levels and regions. Fur
562657-EPP-1-2015-1-IT-EPPKA2-KA	GISIG GEOGRAPHICAL INFORMATION SYSTEMS INTERNATIONAL GROUP ASSOCIAZIONE	Creating a University-Enterprise Alliance for a Spatially Enabled Society	According to current discussion within the community of stakeholders, there is in the Geographic Information (GI) sector a gap between the knowledge currently being offered by the European universities and the knowledge and skills requested by the enterprises and public authorities. This is partly due to a fast technological development but also due to recent societal changes, for instance the EU INSPIRE directive and the e-government action plans within the member states.The giCASES project will develop new methods for co-creation of knowledge, where industrial partners and universities will jointly develop new case based learning material based. The project specifically address the Geographic Information sector. The case studies will be developed using a collaborative platform, where enterprises, universities and sometimes also students will collaborate. The new learning material and collaborative teaching will also be tested in university settings.The project results will be provided under open licenses. In order to optimize the spread and usage of the project results, dissemination actions will specifically address external universities adhering to the open learning paradig

562459-EPP-1-2015-1-UK-EPPKA2-KA	THE UNIVERSITY OF EXETER	Teaching and Coaching Innovation & Entrepreneurship InnovaTively	The project builds on an existing community linked to ISPIM Society focused on innovation and entrepreneurship (I&E) – a theme of central interest in EU as a source of employment and growth. The consortium consists of industrial partners (Nokia Networks, Lufthansa, Torbay Hospital, AachenMuenchener, BMW, Lego) and academics who share a concern with the question:How do we improve on current I&E teaching, coaching and training?While many organizations offer courses that focus on I&E we know these often fail to stimulate a step change in student abilities. Learners know they should act, but training does not enable this and whilst they gain considerable 'explicit' knowledge, they fail with 'TACIT' element that helps them to apply it. We suggest this is partly due to the mode of delivery and there is a need for new and innovative approaches that embrace learning as a generative iteration of knowledge and knowing through doing, making and relating:• recognise different modes of learning; for many practitioners classroom style approaches do not work effectively• promote experiential learning offering different ways of closing the learning cycle between theor
562542-EPP-1-2015-1-ES-EPPKA2-KA	INSTITUT D'ARQUITECTURA AVANCADA DE CATALUNYA	Knowledge Alliance for Advanced Urbanism	European cities are becoming living laboratories where industries carry on pilot projects to experiment new devices, all kind of sensors and online information and communication systems. The involvement of universities and research centres in this process is still limited. The increasing availability of data that comes from city sensors, creates new opportunities not just for monitoring and management, it will also radically change the way we may describe, understand and design cities, challenging many fundamental assumptions of the city design and planning professions. For this reason, our Consortium wants to build a Knowledge Alliance for Advanced Urbanism (KAAU) to promote the innovative education and training that emerging technologies require.We understand "Advanced Urbanism" as the sensitive integration of ICT in cities, taking in consideration cultural heritage, environmental and social dimension issues. "Advanced Urbanism" is about designing and planning processes –instead of just concrete artefacts, linking citizens, business and government into sustainable urban business cultures. "Advanced Urbanism" requires changing traditional design

562358-EPP-1-2015-1-IT-EPPKA2-KA	UNIVERSITA DEGLI STUDI DI PADOVA	EUROPEAN RESEARCH AND ENTERPRISE ALLIANCE ON MARKETING AND ECONOMICS OF ECOSYSTEMS AND BIODIVERSITY	Most of innovative businesses base their success on creating value through better use of intangible assets. Ecosystem Services constitute the most valuable intangible assets on earth and forests are the most precious Natural Capital in Europe. Therefore, ECOSTAR alliance aims to develop entrepreneurship and innovation skills and opportunities among Forest and Environmental Policy and Economics (FEPE) university departments in Europe, specifically targeting Italy, Spain, England and Romania. The project focuses on promoting and fostering the links among high education institutions and businesses operating in the field of Marketing and Economics of Ecosystems and Biodiversity (MEEB). Most of well-known FEPE university departments have developed several methodologies and tools connected with MEEB and in general with nature-based economy. However, universities curricula lack of knowledge transfer initiatives that allow the real commercialization of new processes, methods and services for the development of market-based mechanism for ecosystem services conservation. Therefore, the project aims to make the knowledge triangle a reality in the field of MEEB,
562604-EPP-1-2015-1-EL-EPPKA2-KA	UNIVERSITY OF MACEDONIA	Innovative Open Data Education and Training based on PBL and Learning Analytics	Open Data initiatives worldwide are boosting with an aim to increase transparency and contribute to economic growth. With a global annual economic potential value estimated to $3 trillion, this boost seems justified. Current progress however is not satisfactory. We believe a main reason is the lack of relevant skills and competencies. Indeed, currenteducation and training activities are scarce and do not exploit practice-oriented learning methods such as Problem Based Learning (PBL).As a result, public servants are missing skills related to publishing open data. Similarly, companies and entrepreneurs are missing skills related to re-using open data. Students are not provided with sufficient and properly-structured academic courses.The project aims to establish a Knowledge Alliance between academia, business and the public sector that will boost Open Data education and training.The project results include:-a novel learning model based on PBL and learning analytics, termed Data Driven PBL (DD_PBL)-an open-source platform to support DD_PBL, underpinning flexible learning pathways and course re-design-co-created, freely available for any use, multimodal and multilingual (5 language

| 562206-EPP-1-2015-1-BG-EPPKA2-KA | TECHNICAL UNIVERSITY OF SOFIA | MicroElectronics Cloud Alliance | mCloud Alliance brings together 18 higher education institutions (HEIs) and small and medium enterprises (SMEs) to develop Cloud-based European infrastructure and organisation for education in microelectronics providing a range of open educational resources (OERs), remote access and sharing of educational and professional software, remote and practice-based learning facilities. Neither university can afford the necessary infrastructure, clean rooms, technology and experts in all fields of this multidisciplinary science. Sharing of laboratory experiences, CAD tools, project ideas, and a common infrastructure represents a sort of "educational cloud" on top of the cloud software/hardware infrastructure. 8 European HEIs and 8 SMEs will jointly develop e-learning materials for at least 16 courses on: CAD and technologies, test, and application of integrated circuits and systems, and we will deliver them as OERs to strengthen the virtual mobility. Each university will provide remote access to its facilities, laboratory experiments/software systems for the partners in a cloud teaching system, giving them access to new resources. The impact on the students will be in the high |
| 562286-EPP-1-2015-1-AT-EPPKA2-KA | FH JOANNEUM GESELLSCHAFT M.B.H. | Knowledge Alliance to enable a European-wide exploitation of the potential of MOOCs for the world of business | 'Massive Open Online Courses' (MOOCs) caused a major impact on HEIs worldwide. Business models, target groups, quality standards, certification, sustainability, teaching, delivery & learning methods are all affected. Europe is yet to respond to these emerging trends. Initiatives in the EU exist, but remain isolated, both geographically and per sector. They lack impact on the HEI area as a whole, and do not include the business community to a sufficient extent. A joint European-wide Knowledge Alliance carries huge potential to address these gaps and major challenges. The BizMOOC project aims to strengthen innovation capacity in all parts of Europe through the creation of common standards and frameworks that promote MOOCs for workplace teaching & training, the acquisition of labour market-relevant skills and entrepreneurial activity. It joins experts from 14 HEIs, businesses and networks/NGOs from 11 countries to achieve this goal by the following key activities & results:- Collect and analyse the needs, gaps, good practices and reasons for non-participation of European HEIs, businesses/entrepreneurs and society (especially labour force, jobseekers and non-traditional le |

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COMPENDIUM: Reserve list of projects for funding			
562463-EPP-1-2015-1-UK-EPPKA2-KA	ST GEORGE'S HOSPITAL MEDICAL SCHOOL	Widening Access to Virtual Educational Scenarios	Each area of professional competency faces its own challenges in providing relevant training before workplace practice. In public service and industry, too much is expected of students learning from their apprenticeship phase, compromising reliability or safety. Trainees lack opportunities to practise applying "inert" knowledge to a real task context, while in a risk-free environment. In response, traditional subject-based teaching is slowly being replaced by training through scenarios, such as Problem-Based Learning (PBL), which is more closely aligned with the needs of practice. But the missing factor is the ability for the learner to directly engage with the scenario; to take decisions and experience the consequences of those decisions; to learn safely through error.Interactive virtual scenarios (VS) or simulations (Scenario-Based Learning; SBL) are recognised by many teaching and learning communities as effective tools for developing reasoning, and for safe training in workplace competency. However, the approach is challenging for educators to understand, and does not fit easily into conventional platforms either pedagogically or technically. This project takes SBL 'out-of-the-box', cor
562579-EPP-1-2015-1-DK-EPPKA2-KA	COPENHAGEN BUSINESS SCHOOL	Knowledge Alliance for Urban Challenges	This Knowledge Alliance aims at creating an international educational programme, the Urban Challenge Programme (KAUC), as we have identified a need to create a foundational unit for students, teachers, municipalities and businesses across disciplinary backgrounds and national borders to cooperate on addressing urgent challenges and sustainability issues in different European urban settings. The full partners of the KAUC consist of higher education institutions and enterprises from six different European cities. The purpose of the Urban Challenges is to strengthen university faculty and students' ability to work with real life urban challenges posed by public and/or private stakeholders. We will develop and drive the following Urban Challenges as outputs of our KAUC:• Edinburgh-Copenhagen Urban Challenge (ECUC) • Riga-Copenhagen Urban Challenge (RICUC) • The Rome-Copenhagen Urban Challenge (ROCUC) • The Hamburg-Copenhagen Urban Challenge (HACUC) • Helsinki-Copenhagen Urban Challenge (HECUC)We believe that the KAUC will:• Strengthen innovation and interdisciplinary collaboration in HEI's• Create stronger ties between businesses, HEI

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562594-EPP-1-2015-1-NL-EPPKA2-KA	RIJKSUNIVERSITEIT GRONINGEN	Integrating Work Experience into Higher Education	The project responds to the concerns expressed by stakeholders on the shortcomings in the labour market orientation of higher education, focussing on the balance between practical and theoretical learning in HE and to mismatches between the skills sets of graduates and the skills they require during early careers. EU countries have experienced a substantial increase in graduate unemployment and a decrease of quality of their employment. European students and graduates report continuously that they are worried about their careers. At the same time employers and employers' organisations report they are having increasing difficulties in finding graduates with matching skills.In this Knowledge Alliance, Integrating Work Experience into Higher Education (IWEXHE), enterprises, associations and HEIs come together to identify and analyse current provision of work experience in HEIs in 7 different European countries, generating 54 case studies of good practice including all four types of study areas (hard-pure, e.g. natural sciences; soft-pure, e.g. humanities and social sciences; hard-applied, e.g. medicine and soft-applied, e.g. social work, covering internships/work placements, traineeships and