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| **Entrepreneurial Discovery Process (EDP)** |
| The **EDP** is an inclusive and interactive bottom-up process in which participants from different environments (policy, business, academia, etc) are discovering and producing information about potential new activities, identifying potential opportunities that emerge through this interaction, while policymakers assess outcomes and ways to facilitate the realisation of this potential.The **EDP** pursues the integration of entrepreneurial knowledge fragmented and distributed over many sites and organisations, companies, universities, clients and users, specialised suppliers (some of these entities being located outside of the region) through the building of connections and partnerships.The **EDP** consists of the exploration and opening up of a new domain of opportunities (technological and market), potentially rich in numerous innovations that emerge as feasible and attractive.(Ref: <http://s3platform.jrc.ec.europa.eu/entrepreneurial-discovery-edp>) |
| **Domains** | **Intervention Areas** |
| 1. **Materials -Constructions (Multifunctional & ADVANCED Materials)**
 | * 1. BIO-Materials /BIO- implants

**1.2** Diagnostic/curing BIO-materials**1.3** Materials for integrated electronic and photonic technologies / applications in micro –Nano electronics**1.4** Materials for microsystems**1.5** Materials for flexible substrates**1.6** Materials for fuel cells**1.7** Multifunctional / Smart materials sensitive to external stimulation - applications mainly for Transportations & Constructions**1.8** Multifunctional materials for energy applications (Conversion/storage/saving of energy) **1.9** Environmental friendly Multifunctional systems of materials, used for the protection of constructions, monuments and other solid structures**1.10** New Materials, improvement/upgrading of commonly used materials, and new applications of thin coatings**1.11** Development of deposition, coating processing and surface amendment processes**1.12** Advanced Nanomaterials & Nanocomposites |
| 1. **Culture-Tourism-Art/Creative Industries**
 | **2.1** Development of innovative products and services, including audiovisual, with emphasis on strengthening and support of businesses, professionals and organizations that activate in the fields of Culture, Tourism and Creative Industries.**2.2** Development of innovative products and services, including audiovisual, with emphasis on enhancing the end-user experience and aiming at highlighting and promoting the cultural heritage, the modern culture and the tourist product.**2.3** Development of ICT tools and applications that promote synergies between Culture, Tourism and Creative Industries with other thematic areas, aiming to create new value chains.**2.4** Design and development of innovative products, applications, methodologies and services from the Creative Industry aiming to create value chains in the fields of Culture, Tourism, Creative Industry. |
| 1. **Agro-food**
 | **3.1.** Emphasis and improvement of the special characteristics of Greek agricultural products**3.2.** Inputs reduction / Rational use of natural resources**3.3.** Increase the productivity of crop and animal production products **3.4.** Improve the quality of crop and animal production products**3.5.** Food and health**3.6.** Food safety**3.7.** Processing technologies**3.8.** Exploitation and application of new technologies in all agricultural and food production systems |
| 1. **Environment & Sustainable Development**
 | **4.1** All types of waste**4.2** Solid municipal waste**4.3** Management of agricultural and animal waste**4.4** Industrial and toxic waste management**4.5** Tire management**4.6** Wastewater Management**4.7** Pollution control/ Decontamination. Rehabilitation of coastal and groundwater soils**4.8** Air pollution**4.9** Protection of biodiversity in areas important to tourism and agri-food**4.10** Mitigation and adaptation to climate change and natural disasters**4.11** Creating of model centers / measurements, Eco-systemic approach to sustainable development - Environmental indicators / Studies |
| **5. Health and Medicine** | **5.1** Development of supergeneric products and optimization of existing products through the development of new formulations, alternatives or new routes of administration, improved formulation and new content levels.**5.2** Development of Combinations of known drugs. Development of pharmaceutical forms and / or specialized devices which in combination will achieve the successful administration / co-administration of known drugs**5.3** Repositioning / re-targeting known pharmaceutical molecules in new therapeutic indications or in new populations (indications of chronic diseases, pediatric and geriatric populations, etc.)**5.4** Exploiting Greek Biodiversity; Pharmaceutical products, functional foods and cosmetics**5.5** E-Health: Services and Systems for Patients / Citizens and Health Professionals**5.6** Development of animal models of human diseases and processes / systems for pre-clinical drug trials**5.7** Development and validation of new therapeutics, targets and biomarkers for the development of personalized treatment approaches and new targeted therapies |
| **6. Transport & Logistics** | **6.1** Improvement of freight transport systems and supply chain towards increased added value and competitiveness**6.2** Development of intelligent infrastructures and transport systems**6.3** Transport sustainability**6.4** Increased multimodality and autonomy in urban passenger and freight transport**6.5** Increased accessibility and territorial cohesion |
| **7. Energy** | **7.1** Energy Efficiency**7.2** Energy production from RES**7.3** Energy in combination with agricultural Environmental Sectors**7.4** Energy Storage**7.5** Hydrogen Technologies**7.6** Smart Grid Technologies**7.7** Fossil Fuels– Reduction of impact |
| 8**. Information and Communication Technologies** | **8.1** Content technologies and information management**8.2** Future Internet**8.3** ICT Cross-cutting activities**8.4** Robotics**8.5** Factories of the Future**8.6** Components & Systems |