

Strengthening RIS₃ Governance and EDP

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EDP Implementation in West Greece: Learning Outcomes & Prospects

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RIS₃ in Western Greece: Design and Structural Issues

- Preparation started in August 2012
- Bottom- Up procedure utilizing entrepreneurial and scientific knowledge existing in the region (many sectoral meetings, two major thematic events, one regional conference)
- March 2014 : Approved by Regional Council
- Vertical Sectoral Priorities adopted:
 - **Tourism & Culture**
 - **Micro-electronics and Advanced Materials**
 - **Agriculture and Food Sector**
- Horizontal Sectoral Priorities
 - **ICT & Energy Applications**

RIS3 Implementation

10 Thematic Entrepreneurial Discovery Processes on

2015	2016	2017
Microelectronics and Advanced Materials (2 meetings)	Dynamic Agricultural Cultivations	Animal Production and Livestock Products
Winery	Energy	
Tourism and Culture	Greenhouse Cultivations	
	Olive Production	
	Information & Communication Technologies	

Entrepreneurial Discovery Processes – Organizational Details

- EDP implementation for all RIS3 topics
- Each EDP included thematic sub-topic (in parallel sessions), selected:
 - By Management Authority & Regional Development Planning
 - Based on
 - Number of active companies in regional market
 - Market status and dynamic
 - Research and innovation capacity
- Open invitation to
 - Research, Innovation and Academia Bodies
 - Chambers of commerce and industry
 - Companies
 - Funding bodies (Banks)
 - Public bodies
- Publicity: Press releases and web announcements
- Place: Most of them in Patras and in Hotels

Entrepreneurial Discovery Processes – Implementation Details

For each parallel session

- Key note speaker (expert from Business or Academia sector)
- Moderator and rapporteurs (from Regional Authority)
- We used 4 different forms to facilitate the discussion
 - Form A : Introducing and describing innovative ideas
 - Form B : Presenting innovative ideas from each participant
 - Form C : Ranking of innovative ideas
 - Form D : Processing and grouping (merging) related ideas

Entrepreneurial Discovery Processes Implementation

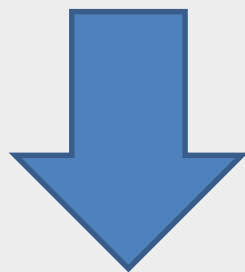
EDP Sector	Number of Companies	Research & Academia	Public + Other	Number of Parallel sessions
Microelectronics + Materials	26+33	10+35	8+28	<ul style="list-style-type: none"> • Microelectronics • Advanced Materials
Winery	13	10	4	<ul style="list-style-type: none"> • Wine products certification • Waste products exploitation
Tourism & Culture	12	8	10	<ul style="list-style-type: none"> • ICT applications • New marketing developments
Dynamic Agricultural Cultivations	22	11	20	<ul style="list-style-type: none"> • Superfoods • Herbs • Dynamic tree crops
Energy	36	39	17	<ul style="list-style-type: none"> • Energy saving • Small-scale production – RES • Energy management systems
Greenhouse Cultivations	17	8	12	<ul style="list-style-type: none"> • Strawberries – vegetables • Energy conservation
Olive Production	14	8	11	<ul style="list-style-type: none"> • Innovation in olive cultivation • Olive Packaging and Marketing
ICT	25	34	12	<ul style="list-style-type: none"> • Web applications • Big data / Augmented reality
Animal Production & Livestock	48	16	21	<ul style="list-style-type: none"> • Animal and Livestock Certification • Innovations in animal production

Entrepreneurial Discovery Process Results

EDP Sector	EDP Results Identified	Budget Estimation	Ideas on Collaborative projects
Microelectronics + Materials	Internet of Things, Embedded systems, Smart city applications, energy conservation apps / Nanotubes apps, Advanced sensors, Smart materials	2 M€	51
Winery	Certification of Wine Products , Wine and Diet / Wine and Health, Exploitation of waste products	1 M€	16
Tourism & Culture	Apps for cultural sites promotion, destination marketing, Smart information systems	1,5 M€	19
Dynamic Agricultural Cultivations	Innovative technologies in fertilizers and agricultural material production, innovative apps in traceability, standardization, marketing and supply chain	3 M€	23
Energy	Small-scale energy production, Renewable Energy Sources (e.g. biofuels, waste), Energy Management, Alternative fuels (e.g. hydrogen technologies)	3 M€	34
Greenhouse Cultivations	Innovative cutting-edge technologies in greenhouse crops (aeronautics, hydroponics, NFT, float system)	2 M€	18
Olive Production	Innovation in olive cultivation, Olive Packaging and Marketing	1,5 M€	12
ICT	Web Applications, Mobile Applications, Internet of Things, Big Data, Human Machine Interface, Social Networking	3 M€	38
Animal Production & Livestock	Animal and Livestock Certification, Innovations in animal production	2 M€	16

Entrepreneurial Discovery Process Results

- Conclusions drawn from each session were grouped and processed by Managing Authority
- The edited text has been uploaded on the Western Greece Region website for further consultation



Regional Operational Program Calls

Entrepreneurial Discovery Process Results on RIS3

RIS3 Calls	Budget of RIS3 Call	Proposals Submitted	Projects approved	Public funding of approved projects	Payments €
Microelectronics + Advanced Materials	2 M€	42	11	2,04 M€	96.799,99
ICT	2 M€	19	16	3,38 M€	
Energy	2 M€	11	7	1,58 M€	
Agro-Food	3 M€	28	21	4,37 M€	
Transnational Research Projects 2017	1,5 M€	6	5	1,13 M€	99.692,00
Transnational Research Projects 2018	0,8 M€	4	4	0,99 M€	58.880,00
Transnational Research Projects 2019	0,5 M€	2	2	0,38 M€	
Total	11,8 M€	110	66	13,90 M€	255.371,99

EDP and Lessons Learnt

- Successful EDP processes in:
 - Well defined and prepared topics
 - In topics with high critical mass of Academia, Research and Innovation partners
 - In topics with “more technology friendly” companies
- Poor EDP results in :
 - More general topics (e.g. tourism and culture)
 - In topics with low number of companies participation (e.g. winery, oil production and treatment)

EDP and Future Prospects - What to Change

- Simplify the procedure implementation (Forms A to D)
- EDP must be a continuous process in RIS₃ implementation, **BUT**
 - Must find the mechanisms - motives to keep “engaged” all stakeholders during RIS₃ implementation
 - Must enhance the operation of the RIS₃ Governance and monitoring system
- Must include the fourth component of the helix, the societal partners

Thank you very much for your attention.

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