

Connecting research with market innovation needs through dynamic entrepreneurial discovery in Greece

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Supporting Smart Specialization Strategies and Technology Transfer in South-East Europe
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Business sector

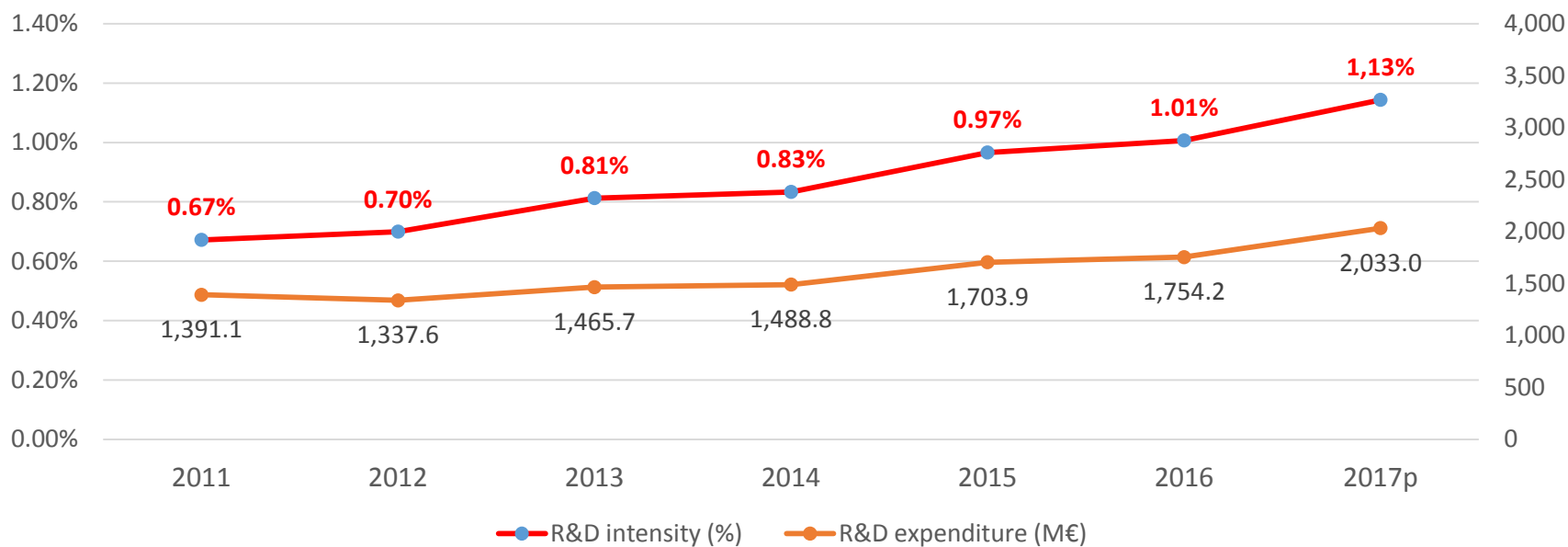
- △ Greece is a **service economy** dominated by **tourism** and **public services**
- △ **Traditional sectors** occupy the major part of the Greek production fabric (agro-food, tourism, commerce, construction)
- △ Business sector composed mainly by **small and very small firms**
- △ Greek firms used to **import mature technology** from abroad and perform relatively well in non technological innovation
- △ In the recent years **new innovative technologies** are developed – strong trend of start-ups and spin-offs
(mainly in cooperation with Universities and Research centers)

Positive trend for GERD, mainly from the business sector

R & D expenditure and intensity, 2011-2017

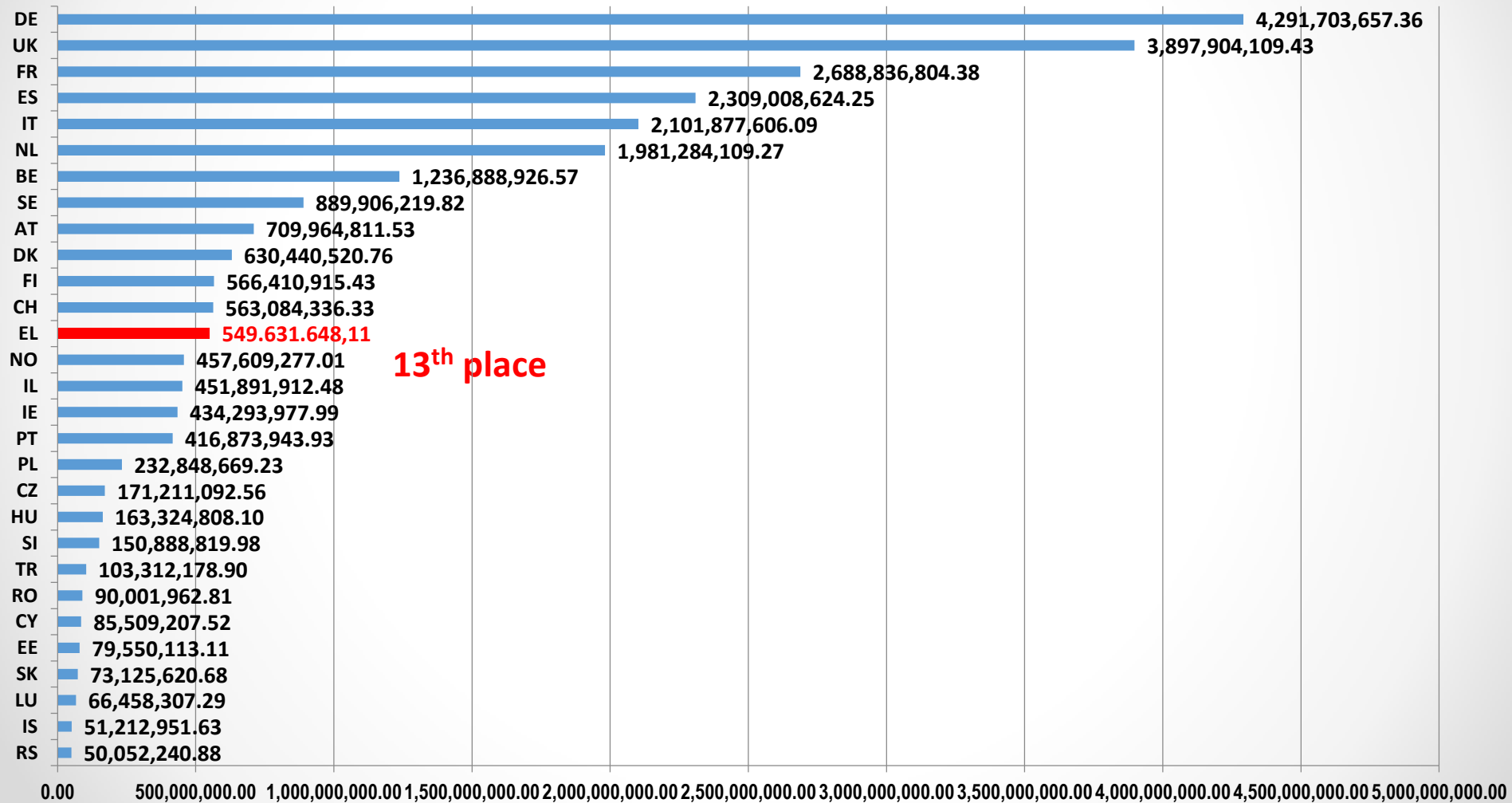
	2011	2012	2013	2014	2015	2016	2017
BES	485,9	458,6	488,7	504,4	561,6	740,4	990,8
GOV	331,7	331,9	410,1	412,7	479,4	438,8	448,1
HES	559,5	534,3	548,6	553,2	643,8	559,4	577,7
PNP	14,0	12,8	18,3	18,5	19,1	15,6	16,4
R&D expenditure (M€)	1.391,1	1.337,6	1.465,7	1.488,8	1.703,9	1.754,2	2.033,0
R&D intensity (%)	0,67%	0,70%	0,81%	0,83%	0,97%	1,01%	1,13%

Greece: R&D expenditure and R&D intensity (% of GDP), 2011-2017



...highly competitive human research potential...

(regarding EC financial contribution from H2020)

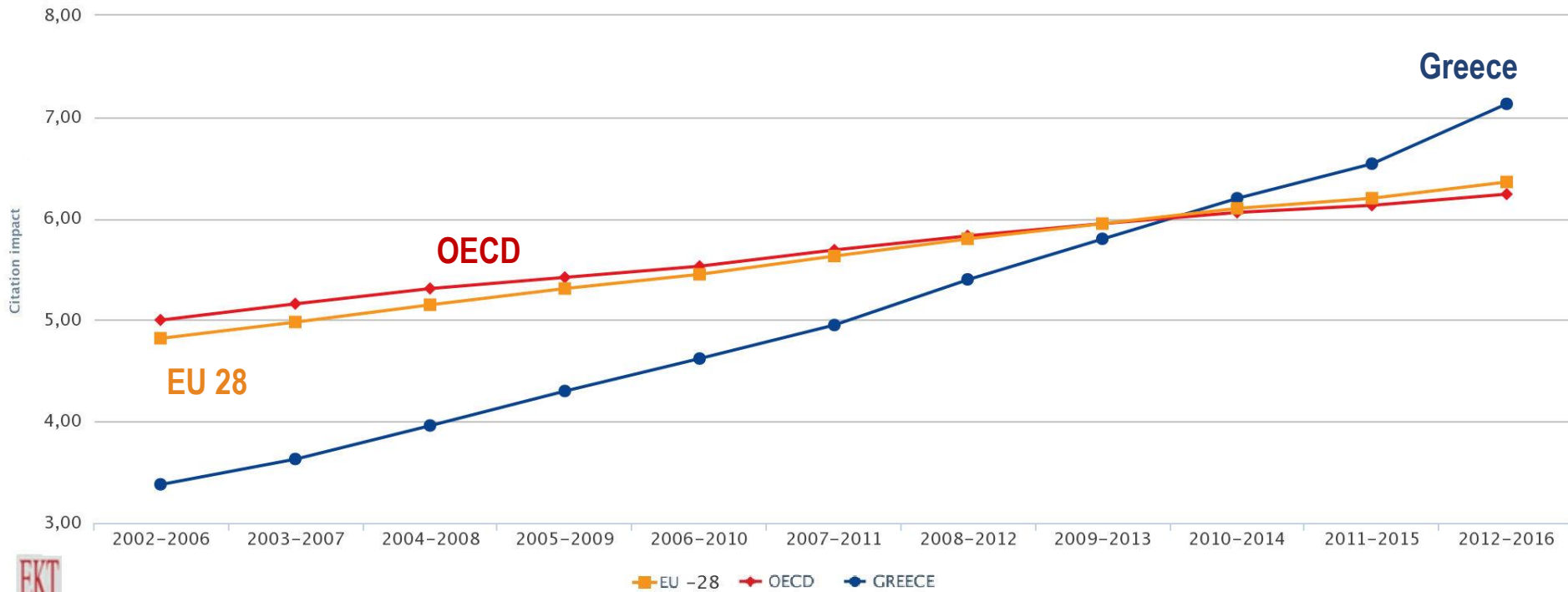


...and also excellent...

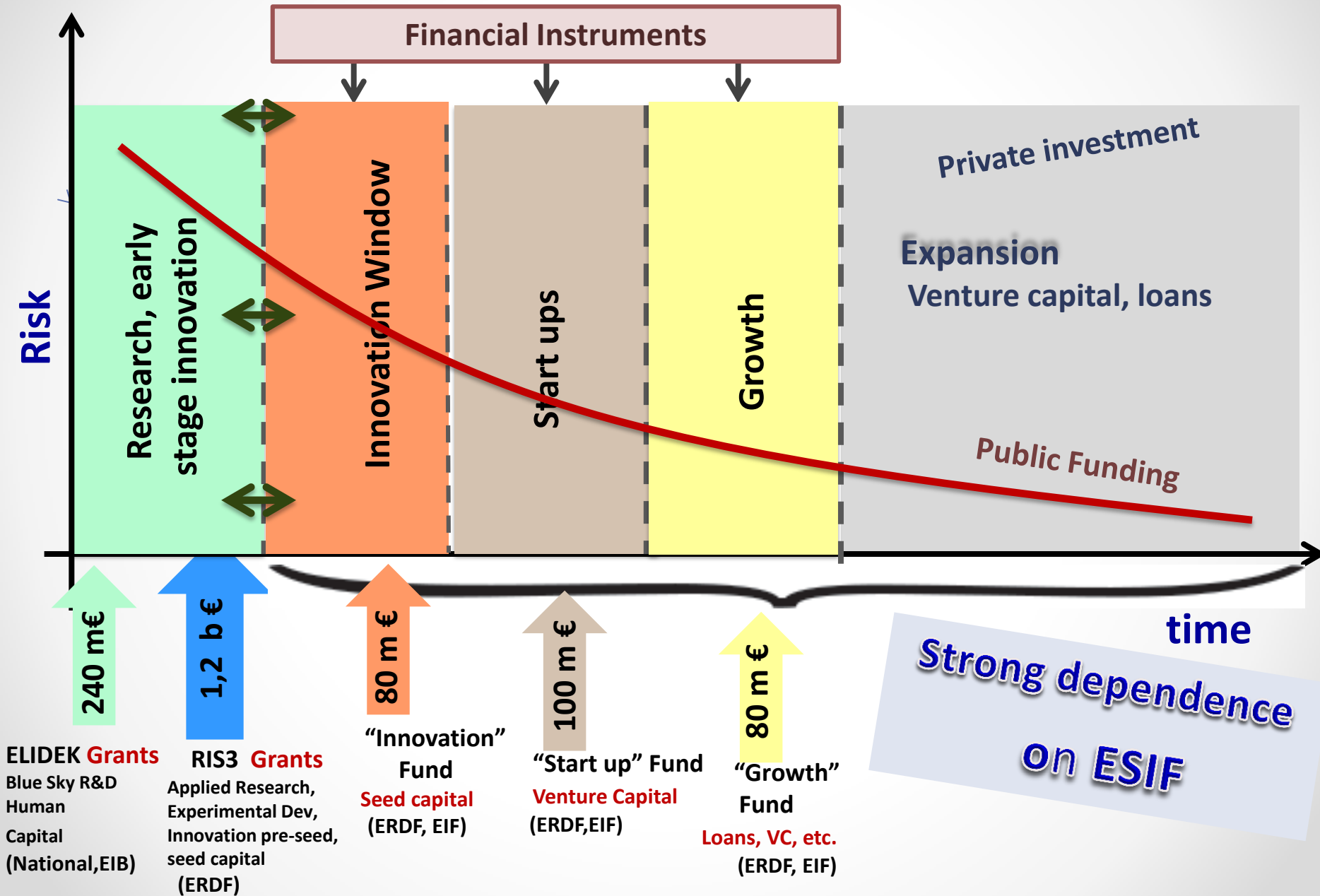
(regarding citation impact of publications)

Citation impact of publications from Greece, EU and OECD

Web of Science, 2002-2016



Need for policy intervention in every part of the innovation chain



Greece has

- 1 National and
- 13 Regional Smart Specialisation Strategies



National Strategy for Smart Specialization: 8 main priority sectors

Agro-food

Environment/Sustainable Development

Energy

Health/ Pharmaceuticals

ICT

Materials/ Construction

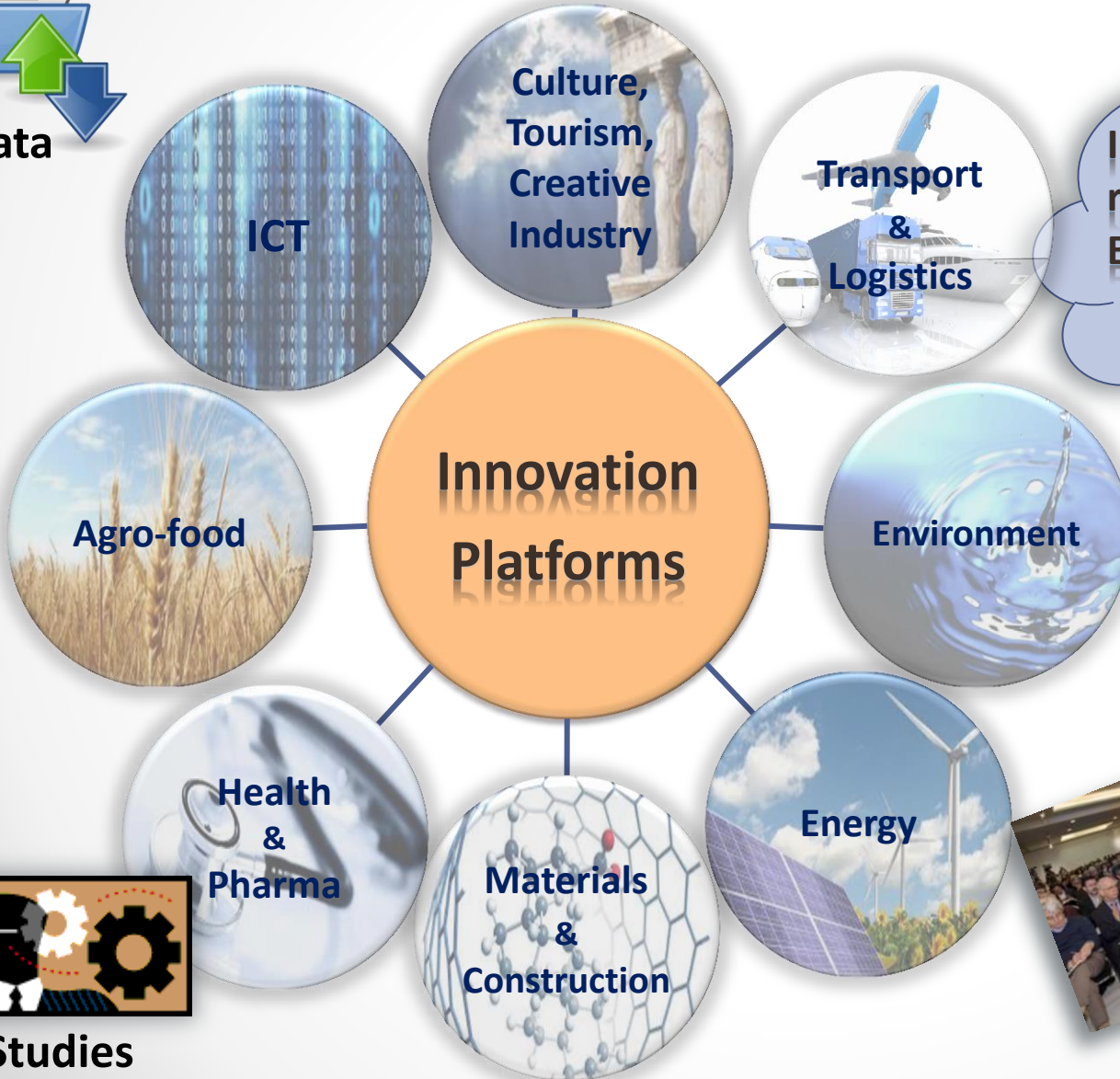
Transport/ Logistics

Culture/ Tourism/ Creative Industry



In line with
the National
Priorities for
Growth

Entrepreneurial Discovery Process (3 successive cycles)



Incorporation of research results in global value chains: Business opportunities!

ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ ΑΝΤΑΓΩΝΙΣΤΙΚΟΤΗΤΑΣ ΚΑΙ ΑΝΑΠΤΥΞΗΣ ΤΕΧΝΟΛΟΓΙΑΣ - ΣΥΜΠΕΡΙΦΟΡΑ ΚΑΘΗΜΕΡΙΝΗ

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Questionnaires



Studies



Meetings, e-consultation

Function of Entrepreneurial Discovery

One Innovation Platform
for every RIS3 Priority

Dynamic
process

Innovation Platform
(experts)

Academia – Research –
Business Sector

Working paper for
each sector - priorities

Open consultation (face to face and on-line)
on proposed priorities

3 successive Specialization Levels

Sector
(ex. Materials &
Construction)

Challenge:
keep the balance in
specialization not to form
'photographic' priorities

Intervention Field
(ex. Advanced
Manufacturing
Processes)

Priority Topic
(ex. Advanced
metalworking)



Main Implementation Instruments of the National RIS3



Promotion of research activities in firms, business –academia collaboration

Flagship Programme “RESEARCH – CREATE – INNOVATE” 630 m€

Specific Actions in Priority Sectors (Aquaculture, Indust. Materials, Cultural Heritage) 30 m€



Support Innovation Intermediaries

Innovation Clusters, 24 m€

Competence Centres, 30 m€

Technology Transfer Offices in Universities and Research Centers, 15 m€



International Cooperation

Bilateral Cooperation (Germany, China, Russia, Israel) 50 m€

ERA related Actions (ERANets, Jus etc), 25 m€



Support to new innovative business firms

Equifund: Innovation Window (VCs), 70 m€

Grants for the establishment of spin offs, 35 m€



Research Infrastructures, 93 m€

..challenges at promoting RIS3 at Regional level



Funding synergies with the regional level

Lack of knowhow of Regional management services to promote RIS3

Thank you for your attention

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