



# EU projekti na Institutu Ruđer Bošković



Dr. David M. Smith – Assistant Director, IRB



# Who? What? Why?



Born and Raised “Down Under” (1973-2000)



Undergraduate and Doctoral studies at the ANU,  
Canberra, Australia (1991 – 2000)



AvH and DFG Postdoctoral Fellowships at the  
LMU, Munich, Germany (2001 – 2004)



Research Associate (2004 – 2008)  
Senior Research Associate (2008 – )  
Assistant Director (2009 – )



# An FP6-INCO-WBC-SSA Reinforcement Project 2007-2010 (EUR 380.000,00)



Human Resources



Material Resources



Exchange Visits



Intensive Workshops (Opatija and Primošten)

# The Ruđer Bošković Institute



The largest research  
institute in Croatia  
≈900 employees  
>550 PhD  
82 research  
laboratories  
130,000 m<sup>2</sup> area



Theoretical Physics

Experimental Physics

Material Physics

Electronics

Material Chemistry

Organic Chemistry  
and Biochemistry

Physical Chemistry

Marine Research

Molecular Medicine

Molecular Biology

Laser and Atomic  
Research

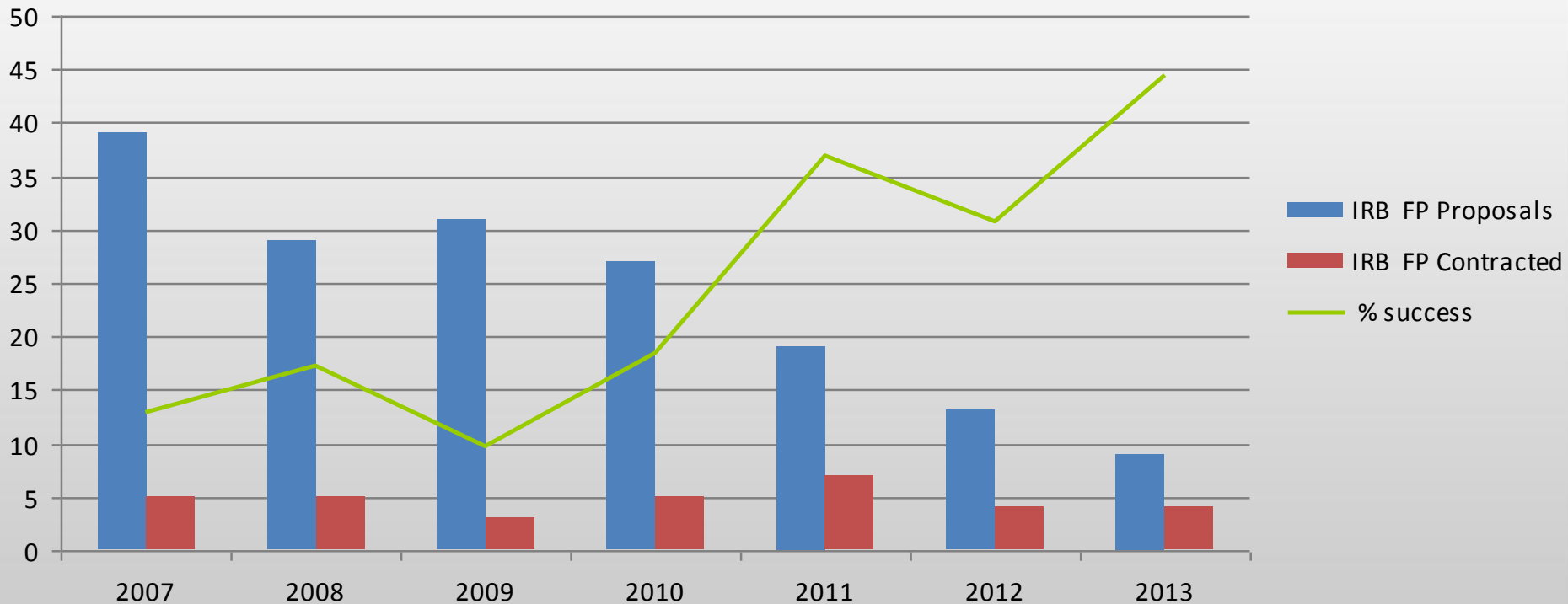
Marine &  
Environmental



# How about the rest of RBI?



## IRB FP project statistics



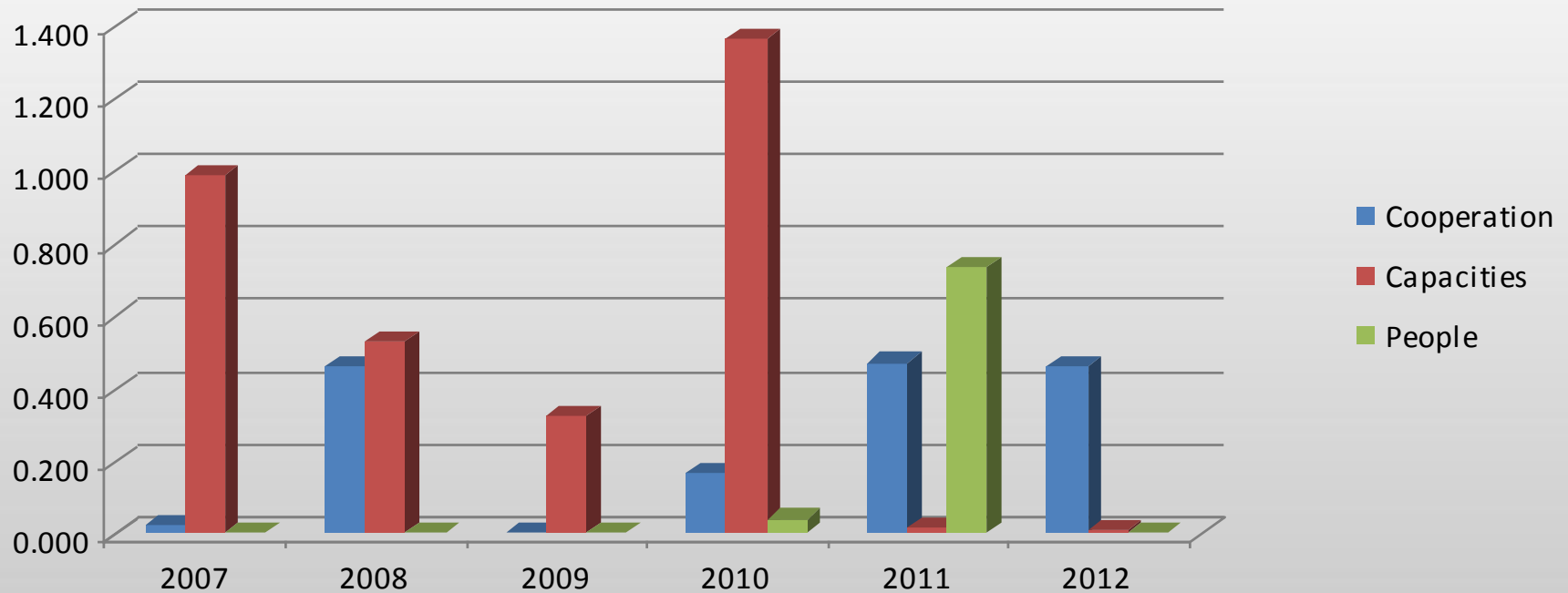
A Total of 28 FP7 projects at RBI (ca. 12 % of 245 HR)



# Show me the money



## RBI FP projects in MEUR



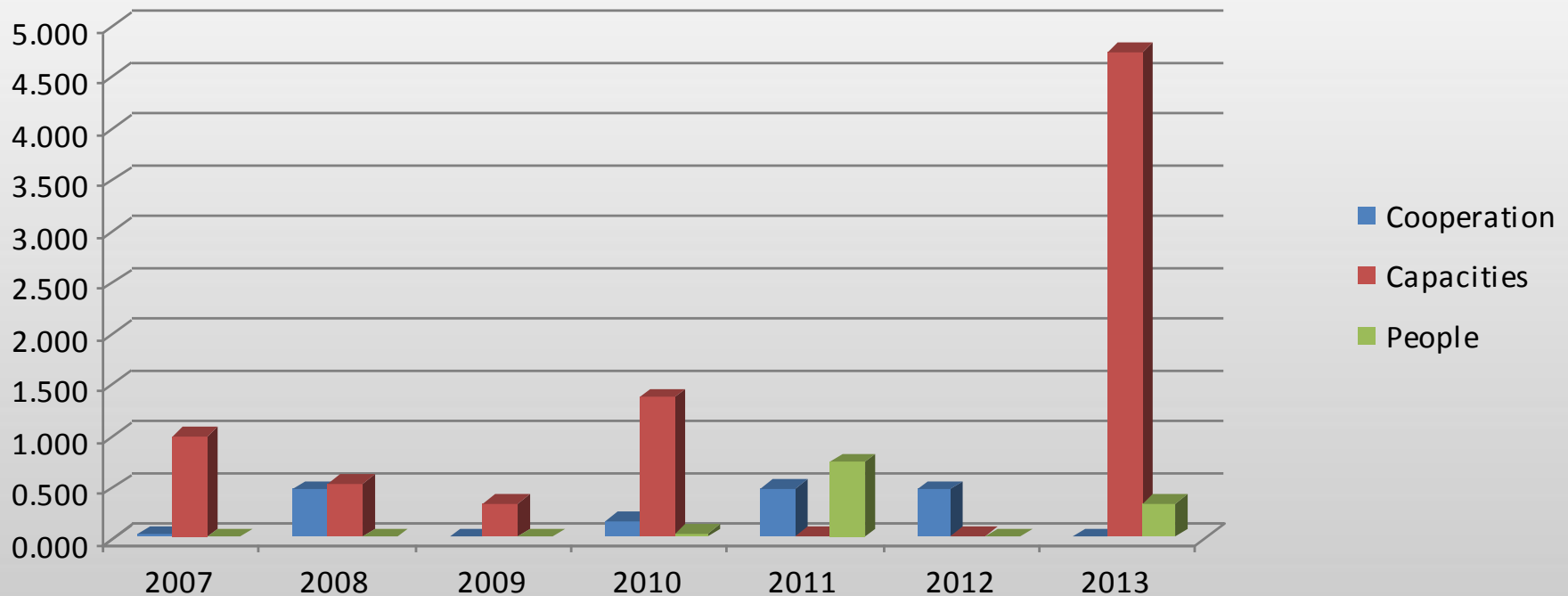
A Total of 5.5 MEUR contracted from 2007-2012



# Show me the money



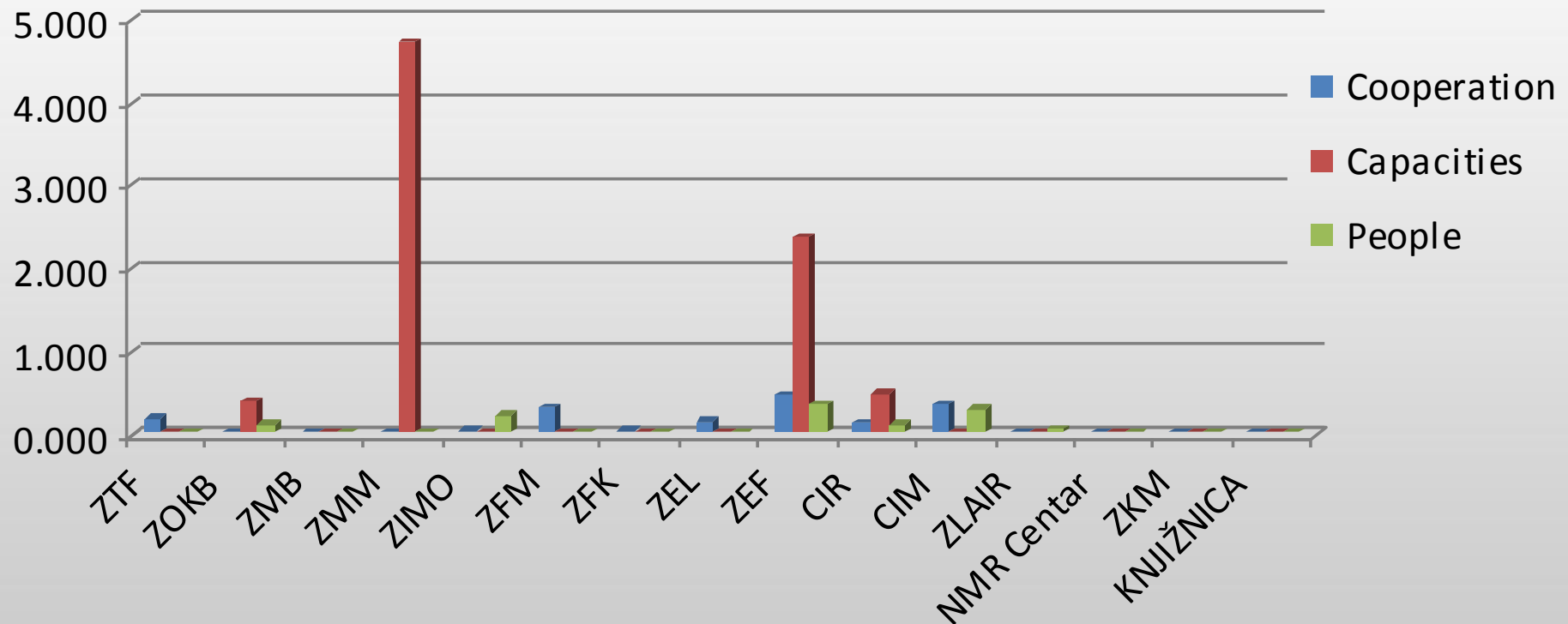
## RBI FP projects in MEUR



A Total of 10.6 MEUR contracted from 2007-2013



# By Division (2007 – 2013)

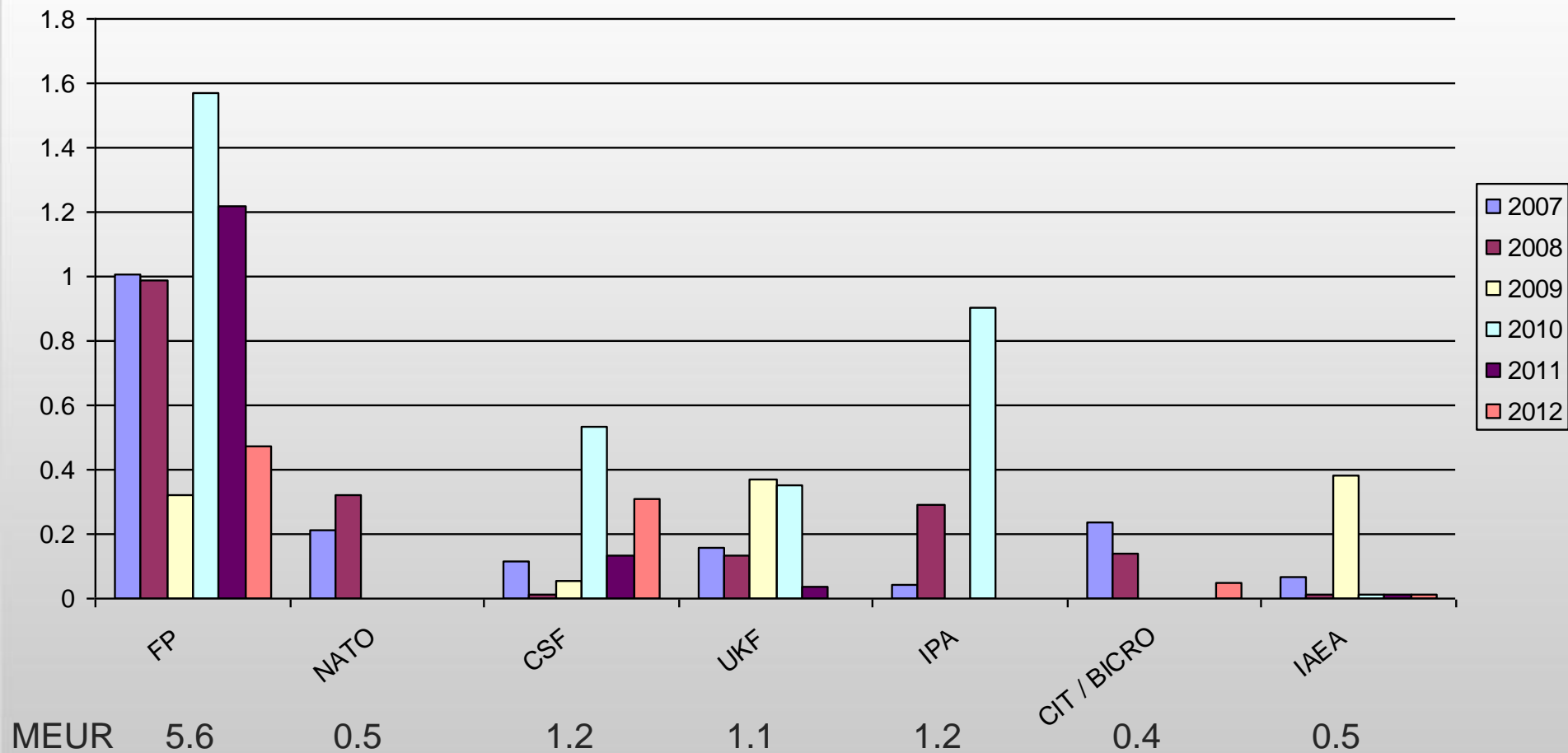


Cooperation: 1.6, Capacities: 8.0, People: 1.1 MEUR

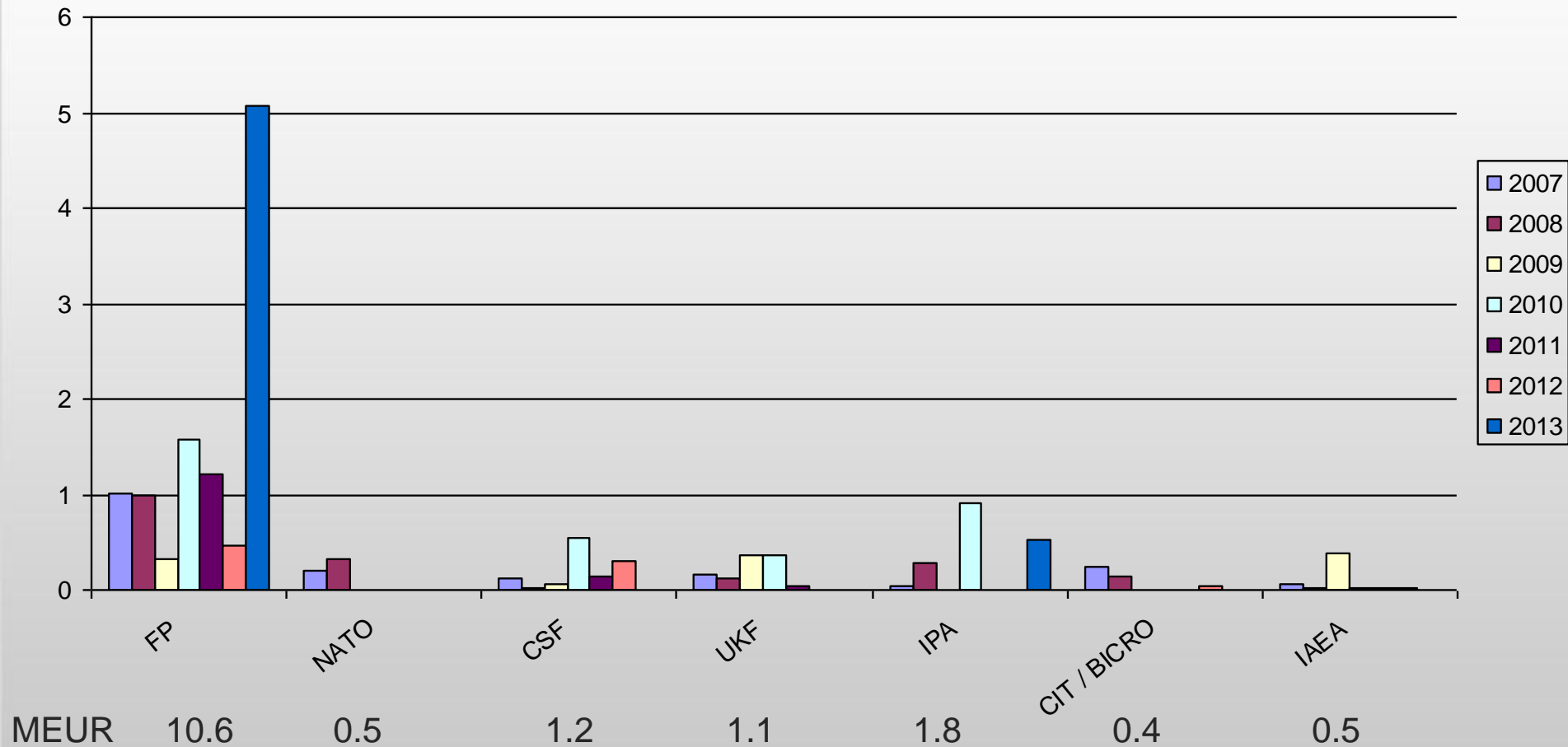




# In a slightly wider context (2007-2012)



# In a slightly wider context (2007-2013)

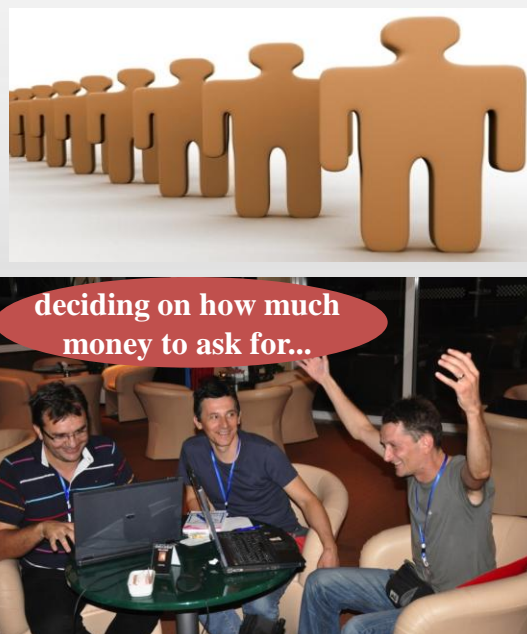


## Upgrade of Research Equipment



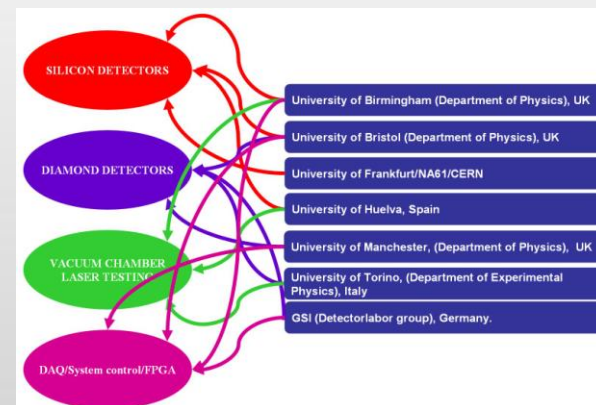
0.47 MEUR

## Upgrade of Human Resources



0.43 MEUR

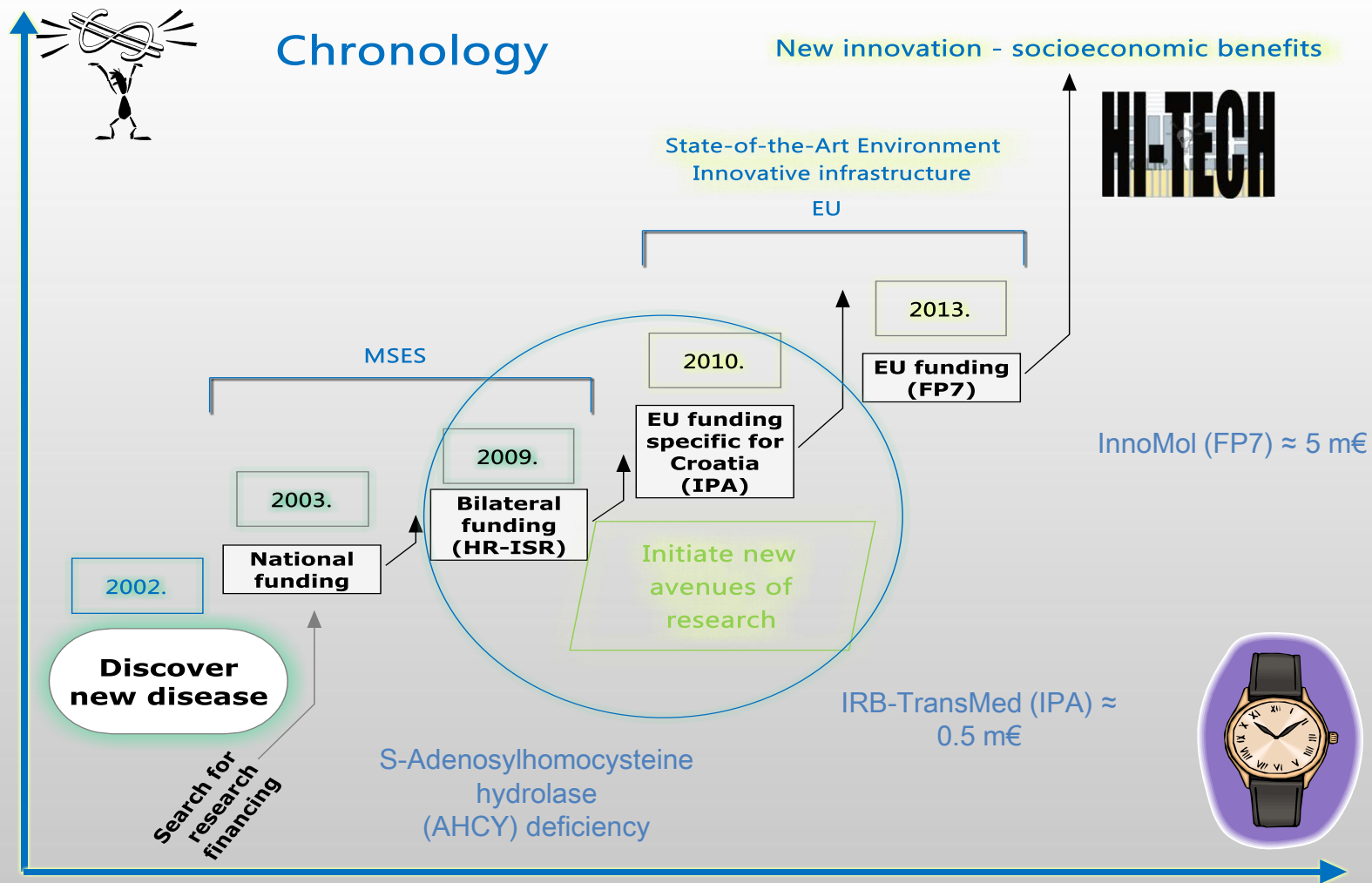
## Twinning /Exchange Workshops



0.24 MEUR

PD: Upgraded Facility for Development of Silicon and Diamond Particle Detector Systems

# Translational Medicine at RBI



Progress: Bedside – Bench – Financial Support

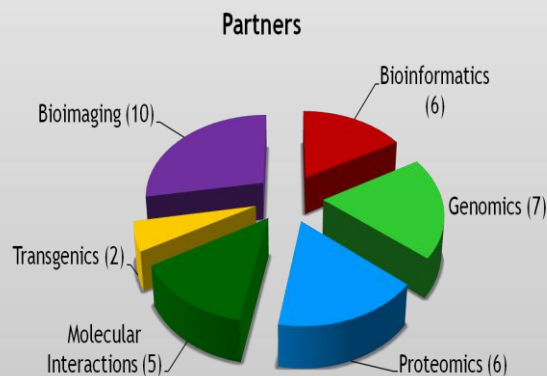


## Upgrade of Research Equipment



1.4 MEUR

## Upgrade of Human Resources



1.0 MEUR

## Twinning (Interdisciplinary)



1.0 MEUR

InnoMol: Enhancement of the Innovation Potential in SEE through New Molecular Solutions in Research and Development

# A project for ESIF: European Structural and Investment Funds



Otvorene znanstvene infrastrukturne platforme za inovativne primjene u gospodarstvu i društvu



~ 50 M €  
planned  
investment

Open scientific infrastructural platforms for innovative applications in the economy and society

# A project for ESIF: European Structural and Investment Funds



- New and upgraded equipment
- Infrastructural work on new buildings, and adaptation of existing buildings
- Only existing work force used: Self maintaining
- Focus on applications
- ALL infrastructure and know-how will be open to the broader Croatian (and regional) scientific and technological communities
- Focus on EU priorities



# A project for ESIF: European Structural and Investment Funds

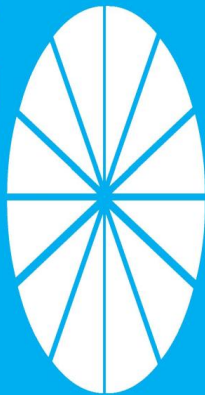


## O-ZIP IMPACT

CRITICAL INVOLVEMENT IN:

**12**

CROATIAN  
PRIORITY  
SECTORS



**4**

CROATIAN  
PRIORITY  
HORIZONTAL  
SECTORS



**CLUSTERS  
OF COMPETITIVENESS**

**CLUSTERS  
OF EXCELLENCE**

**KEY**  
ENABLING  
TECHNOLOGIES



CREATING:

**PLATFORM**  
FOR STARTUP LABS & SMEs

**MOTIVATING**  
ENVIROMENT FOR SMEs,  
INNOVATION & INCUBATORS

**GAMECHANGER**  
for CRO science, innovation and technology





# Conclusions for the RBI



The Future Looks Bright

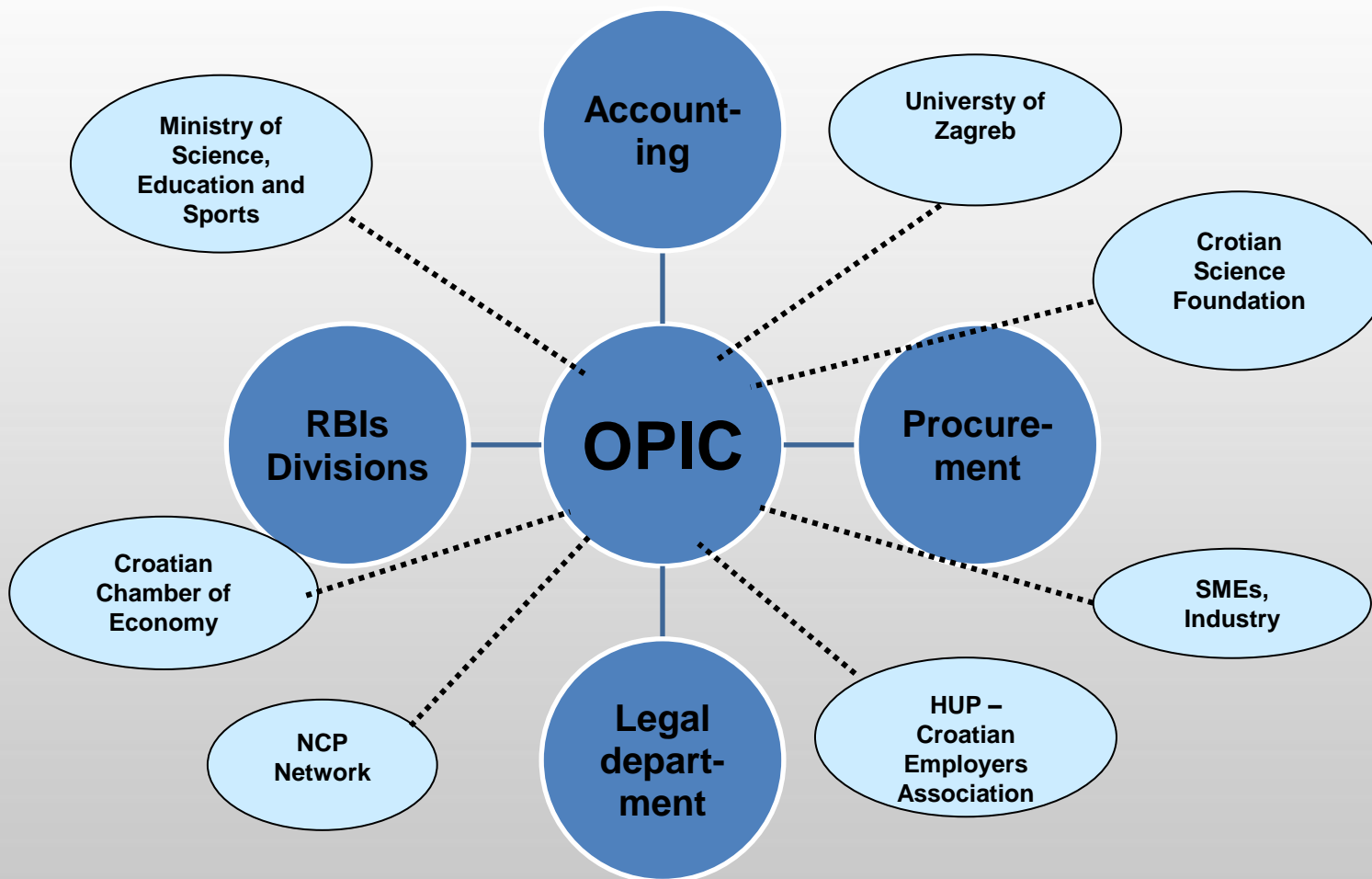




# **Office for Projects and International Collaboration**



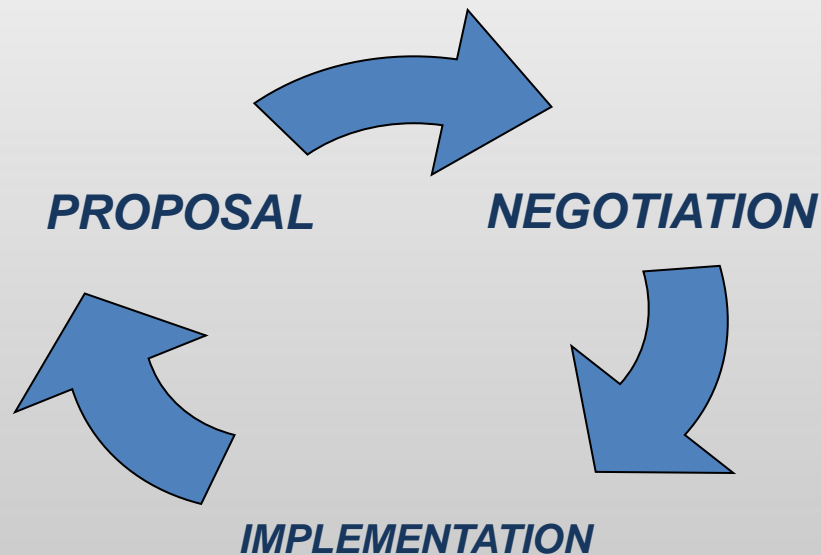
# Activity areas



# Our Support



➤ Informing, consulting and supporting from the proposal stage throughout the duration of a research project





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# Discussion ?



At least 3 members of:

**Povjerenstvo za praćenje Okvirnih istraživačkih  
programa Europske zajednice  
Ministarstva znanosti obrazovanja i sporta**

Discussion – Action Plan – Measures – Problems – Ideas  
?