



European  
Commission



# Horizon 2020 Secure Societies

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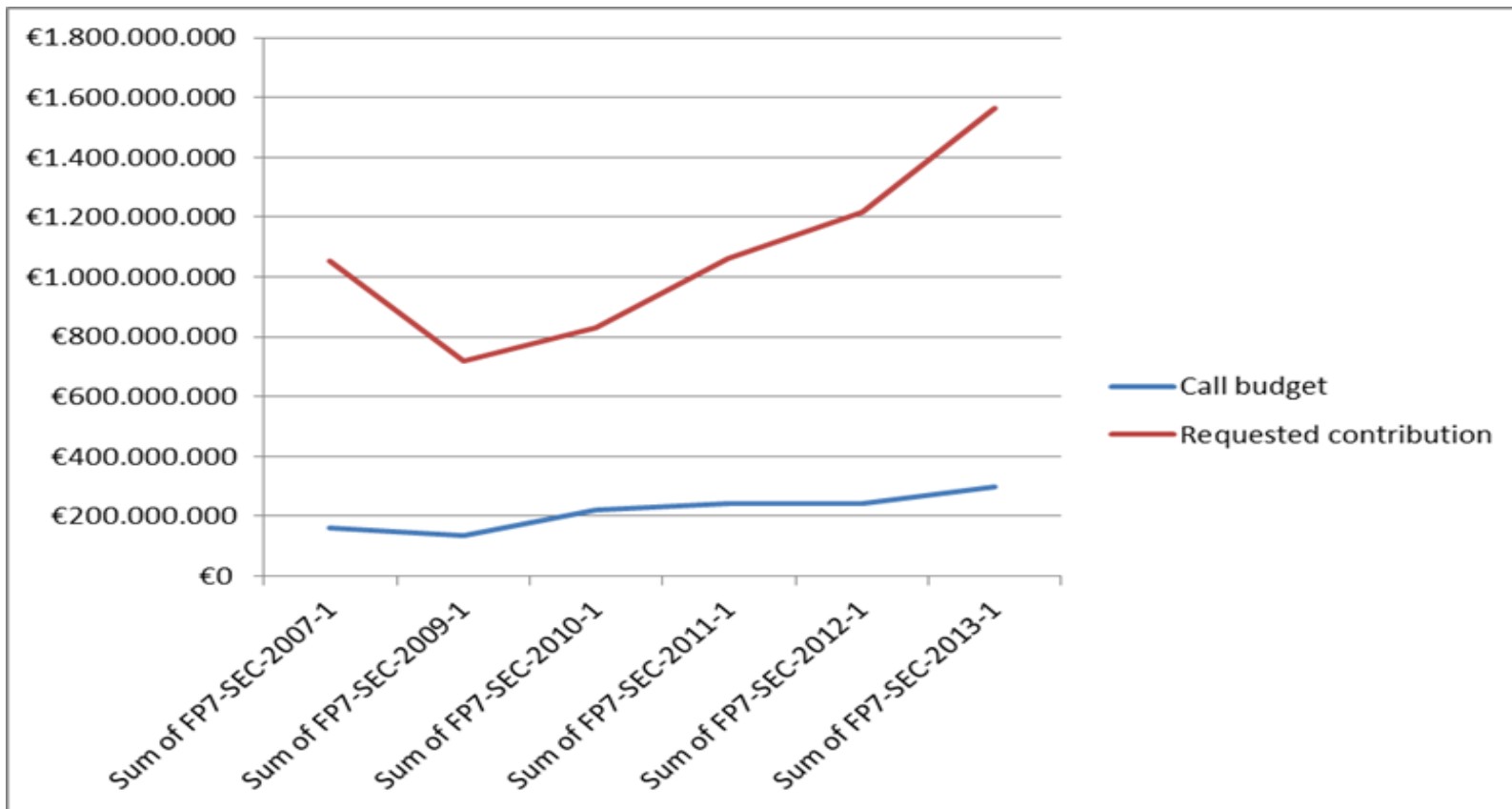
Athens, 11 Dec. 2013

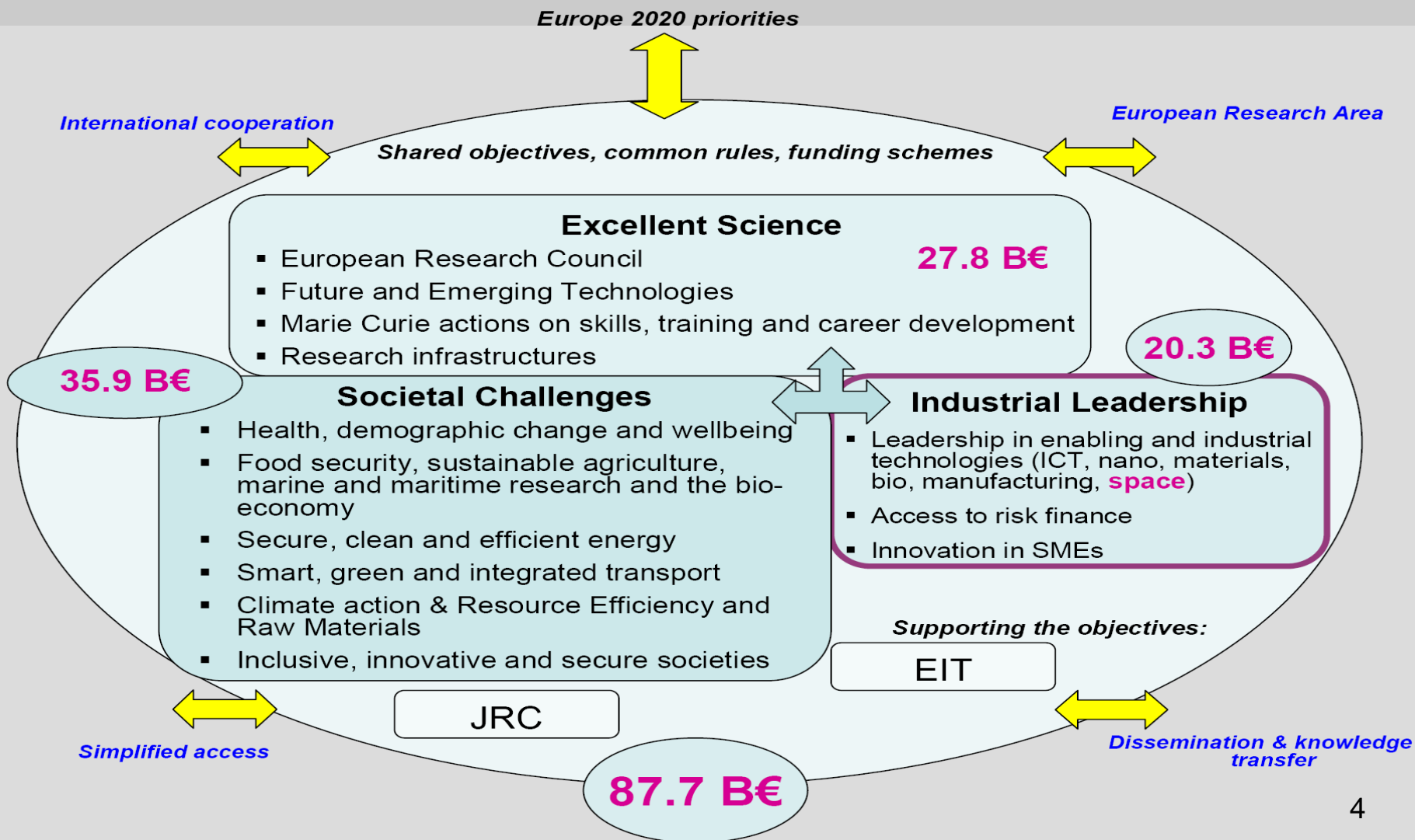
# Security research & the 7<sup>th</sup> Framework Programme (FP7)



- FP7-Security (2007-2013):
  - ✓ 1,400 Mio EUR (20% to SMEs)
  - ✓ More than 250 projects and 2,500 participants
- EU funding: more than 40% of total European funding

## FP7 Security budget vs. requested EC contribution





# **State of Play of the Multiannual Financial Framework 2014-2020 (MFF)**

- *2 Dec '13 **Council** adopts the MFF - after the **EP** reaches consent on 19 Nov '13*
- *strong emphasis on expenditure aimed at **boosting growth and creating jobs** (37% increase)*
- *Reminder: H2020 cannot be formally adopted before the MFF formal agreement*
- *Overall H2020 budget nearly 80 Billion€ (current prices)*
- *Security Research (incl. Digital Security) 1 695 mio€*

## Breakdown H2020 budget (2014-2020)

<b>EU REGULATION</b>		<b>77 028</b>
<b>1) Excellent science</b>	<b>31.73%</b>	<b>24 441</b>
<b>2) Industrial leadership</b>	<b>22.09%</b>	<b>17 016</b>
<b>3) Societal challenges</b>	<b>38.53%</b>	<b>29 679</b>
• <b>Secure societies</b> – Protecting freedom and security of Europe and its citizens	<b>2.20%</b>	<b>1 695</b>

**(EURATOM REGULATION 2014-2018 1 603)**



# Horizon 2020 is different

- A strong challenge-based approach, allowing applicants to have considerable freedom to come up with innovative solutions
- Simplified list of possible actions (e.g. research and innovation – EU contribution of 100%; innovation actions - 70%,...)
- Less prescription, strong emphasis on expected impact
- Cross-cutting issues mainstreamed (e.g. social sciences, gender, international...)

# **"Secure Societies" in Horizon 2020:** **Specific mission areas**

- 1. Fighting crime and terrorism**
- 2. Strengthening security through border management**
- 3. Providing cyber security**
- 4. Increasing Europe's resilience to disasters (including critical infrastructure protection)**
- 5. Ensuring privacy in the Internet and enhancing the societal dimension**
- 6. CSDP related issues ('dual-use' – Civil focus)**



# Quo vadis? (I)

## ➤ The Lisbon Treaty:

- *New / enhanced EU competences relevant to H-2020 Security Research:*
  - Integrated Border Control system (Art. 77)
  - Prevention and against human trafficking (Art. 79)
  - Crisis management / Response (Art. 196)
  - Humanitarian assistance (Art. 214)
  - Solidarity clause (Art. 222)

## Quo vadis? (II)

- **The political environment:**
  - *European Security Strategy (Solana-2003)*
  - *Internal Security Strategy (2010)*
    - Serious and organised Crime
    - Terrorism
    - Cyber Security / Crime
    - Border Control
    - Natural and man-made catastrophe
  - *EU Cyber Security Strategy (2013)*

## Quo vadis? (III)

- **The 'external' dimension:**

- *Already in FP7:* However in FP7 (Nice Treaty) allows only research activities in the "1<sup>st</sup> pillar" areas, hence the need to find a suitable mechanism of cooperation with the EDA
- *Council Conclusion of December 2012: emphasizing the need for synergies to be developed between Civil and Military technology development*
- *Horizon 2020:* confirms the need and refers to the "European Framework Cooperation"
- *Horizon 2020 Security Research: Focus on Civil missions*

## Quo vadis? (IV)

- **Conclusion:**
  - Supports EU **internal** and **external security policies**
  - Supports the EU industry to be **competitive**
  - Keep the orientation towards **security missions**
  - Strengthen the involvement of the **end-users**
  - Taking more into account the **societal Dimension**



# European Security Industrial Policy

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Vienna, 18 Nov. 2013



## Policy Background

- The Commission announced a **policy initiative** for the EU security industry in the EU 2020 flagship initiative "An Industrial Policy for the Globalisation Era Putting Competitiveness and Sustainability at Centre Stage". COM(2010) 614
- This led to the dedicated Communication "Security Industrial Policy - **Action Plan** for an innovative and competitive Security Industry" COM(2012) 417

# Communication on the Security Industrial Policy – COM(2012)417

**Action Plan** for an innovative and competitive  
Security Industry

## Objectives:

- 1) Overcoming the **fragmentation** of the EU security market
- 2) Reducing the gap **from research to market**
- 3) Better integration of the **societal dimension**

# 1. Overcoming market fragmentation

- Standardisation
- Certification/ conformity assessment procedures
- Synergies between security and defence technologies ("Dual-Use research")



# Overcoming market fragmentation

## The Action Plan (excerpt)

- ESOs to establish standardisation roadmaps in the areas of **CBRNE(\*)**, border security, crisis management/civil protection
- EC to propose legislation on EU-wide harmonised certification systems for **airport screening equipment** and **alarm systems**
- EC to issue standardisation mandates to ESOs for '**hybrid standards**' (for **civil-security & defence**, e.g. on Software Defined Radio - SDR)

(\* *EC/EDA intensified cooperation on CBRNE research under **European Framework Cooperation***)

## 2. Reducing the gap from research to market

- Aligning funding programmes, exploiting IPR routes
- Pre-commercial procurement (PCP)
- Access to international procurement markets
- Third party liability limitation

### **3. Better integration of the societal dimension**

- Societal impact: “checking” during the R&D phase
- Privacy by design and privacy by default during the design phase

# Competitiveness Council Conclusions

The Council adopted the following conclusions on 10 and 11 December 2012:

- *EMPHASISES the need for a better functioning internal market for security products and technologies with a view to enhancing the competitiveness of the sector, whilst respecting that national security remains the sole responsibility of each Member State, and INVITES the Commission, in close cooperation with Member States, to ensure the **efficient implementation of the actions** laid out in the respective Communication;*

.....**thank you**

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