



European



The new H2020 approach

Athens, 11 Dec. 2013

H2020, a strategic programming approach

- Work programme preparation based on guidance obtained from a strategic programming exercise involving internal and stakeholder's consultations
- Work programmes with a 2 year-duration
- Leitmotif of the first work programme is the **economic crisis and the path to sustainable growth** - Horizon 2020 to make a significant contribution to this effort
- 'key drivers' used to identify areas on which resources and effort will be focused for maximum impact
 - focusing on sustainable competitiveness, innovation and growth;
 - measures to leverage engagement of industry, including SMEs;
 - access to finance;
 - developing new knowledge and contributing to skills;
 - deployment of enabling technologies;
 - measures to address the research and innovation divide;
 - supporting strong partnership with Member States; and
 - strategic approach to international cooperation.

Focus Areas

- Strategic programming identifies focus areas, each covered by a specific call, that:
 - Bring together activities from different challenges and enabling technologies
 - Provide support across the innovation chain from research, to development, to proof of concept, piloting, demonstration projects, and to setting standards and policy frameworks.
 - Make use of the full spectrum of funding schemes and types of action e.g. research & innovation, innovation actions, ERANets (coordination of national research programme), SME instrument (support actions for SMEs)...
 - Integrate different perspectives, including from the social sciences and humanities, gender perspectives, and international strategy

H2020 Work Programme topics

WP Structure reflects the challenge based approach – 3 key features

Specific Challenge

- sets the context, the problem to be addressed, why intervention is necessary

Scope

- delineates the problem, specifies the focus and the boundaries of the potential action BUT without overly describing specific approaches

Expected Impact

- describe the key elements of what is expected to be achieved in relation to the specific challenge



"Secure Societies" 9 Specific challenges:

- 1- Fighting crime and terrorism
- 2- Protect and improve the resilience of critical infrastructures
- 3- Strengthening security through border management
- 4- Improve cyber security
- 5- Increasing Europe's resilience to crises and disasters
- 6- Ensuring privacy in the internet and enhancing the societal dimension
- 7- Enhance standardisation and interoperability of systems
- 8- Supporting the Unions external security policies
- 9- Increased cooperation with EDA and other EU institutions



European

1st H-2020 SECURITY call – an outlook

- ***11 Dec. 2013 publication of Work Programme with the draft 'secure societies'***
(new participants portal for H2020)



December						2013
SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

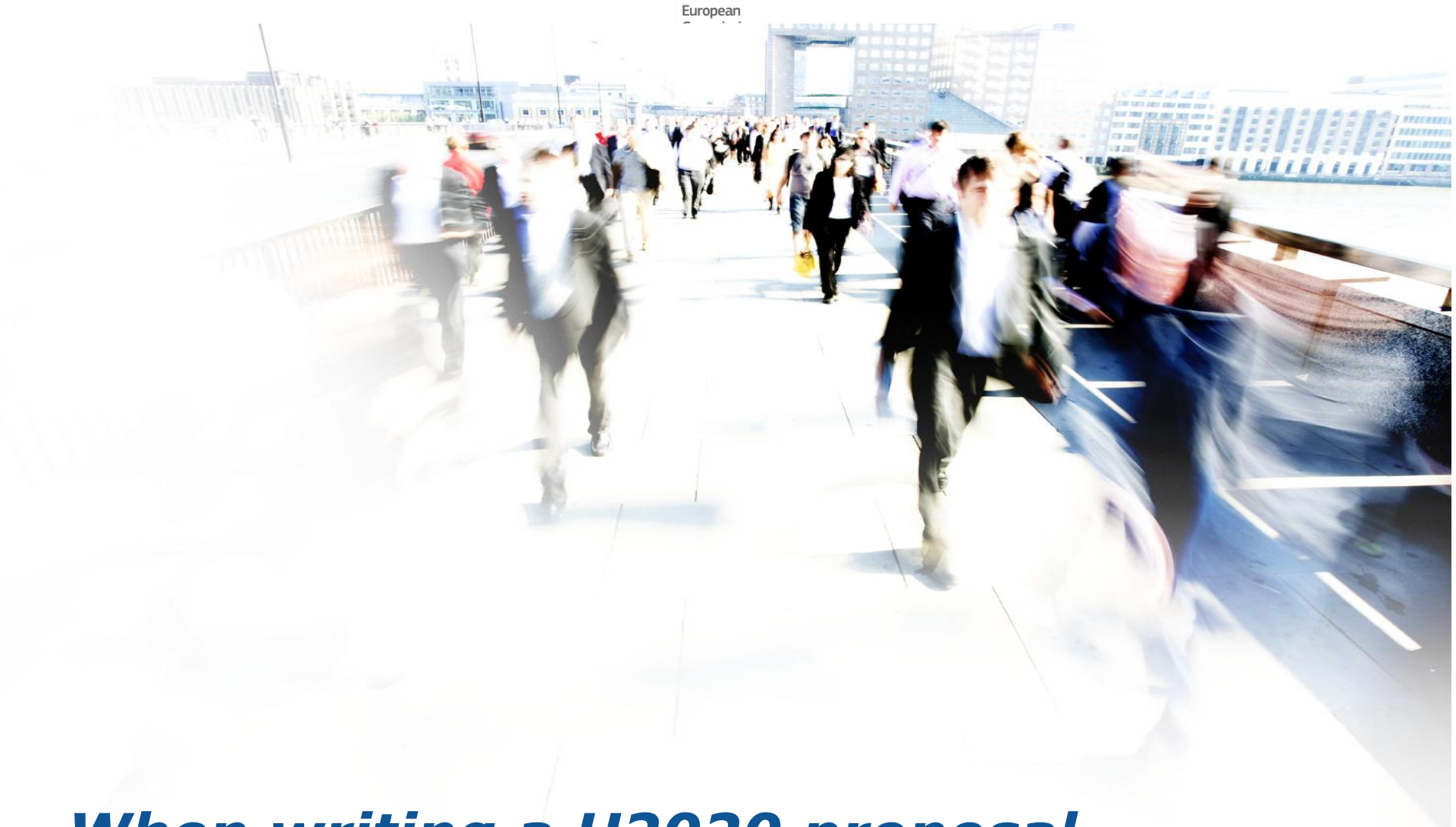
- ***Call open 25 March 2014***
- ***Call closed 28 Aug 2014***
- ***Info on outcome of Evaluation end Oct 2014***
- ***Signature of GA starting early 2015***

"Secure Society" in Horizon 2020: Work Programme (provisional) **2014** and **2015**

1. Disaster-Resilience: safeguarding and securing Society, including adapting to climate change (**DRS** topics) – 22 topics dealing with crisis management, critical infrastructure protection, communication technologies and ethical/societal dimension
2. Fight against Crime and Terrorism (**FCT** topics) – 17 topics dealing with forensics, law enforcement, urban security and ethical/societal dimension
3. Border Security and External security (**BES** topics) – 14 topics including maritime border security, border crossing points, supply chain security, external security and ethics
4. Digital Security: Cybersecurity, Privacy and Trust (**DS** topics) – 5 topics
- (5. Other topics related to Europol-Cyber, JRC-AvSec, Galileo and Space surveillance)



European



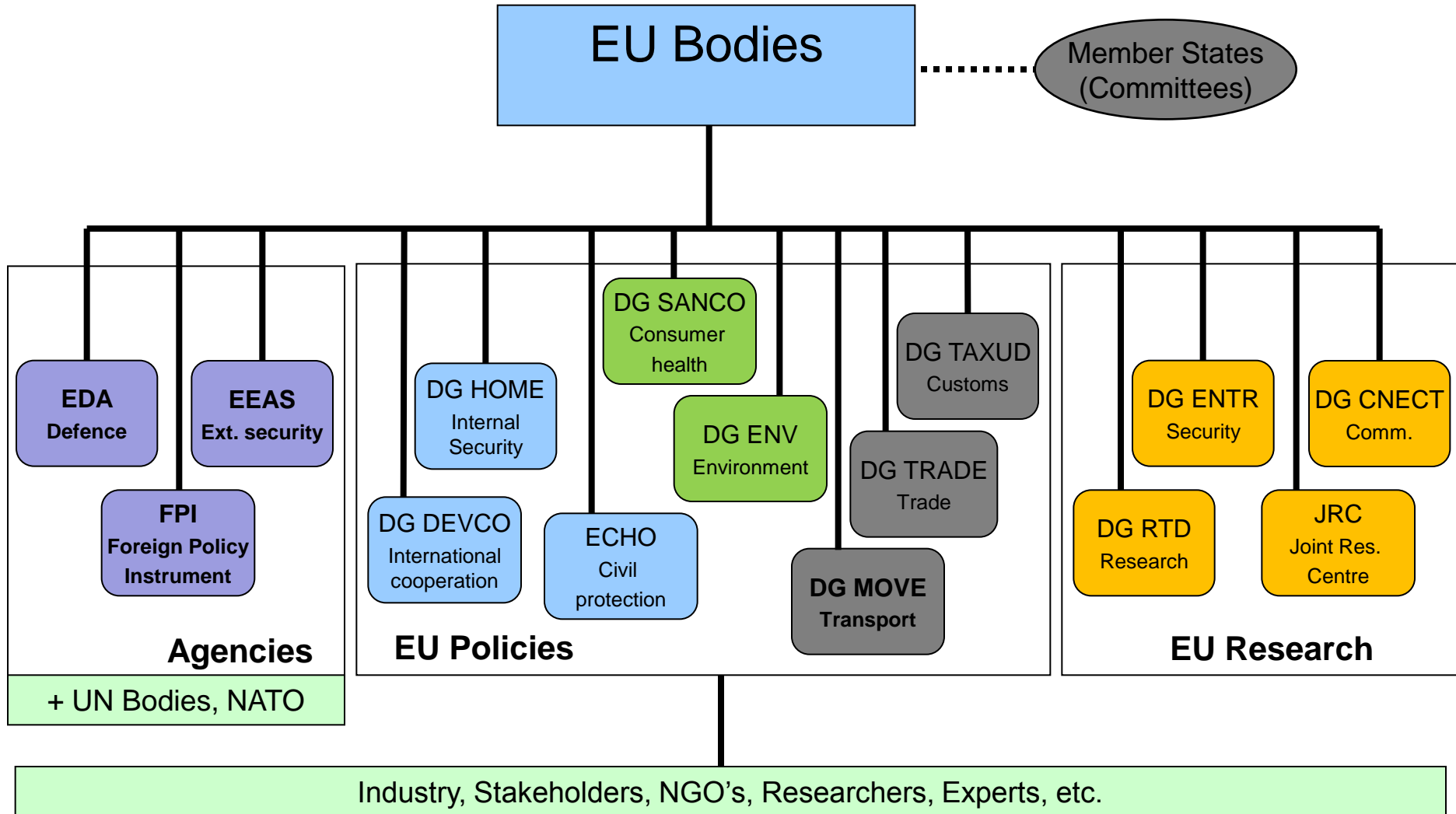
When writing a H2020 proposal.....



Strong link to EU policy initiatives

- The EU Internal Security Strategy in Action, COM(2010)673
- Towards a stronger European disaster response: the role of civil protection and humanitarian assistance, COM(2010)600
- The EU Action Plan on combating terrorism
- The Security Industry Policy Action Plan COM (2012) 417
- Cybersecurity Strategy of the European Union: An Open, Safe and Secure Cyberspace COM (2013) 1
- The EU Strategy towards the Eradication of Trafficking in Human Beings 2012–2016, COM(2012) 286
- European Programme for Critical Infrastructure Protection (EPCIP), COM(2006)786
- Civilian Headline Goal 2008

EU Policy implementation: strategic approach



"Secure Societies" in Horizon 2020: **Implementation aspects**

- **Strengthened coordination with relevant EU-Agencies: FRONTEX, EUROPOL, ENISA, EMSA, etc.**
- **Closer coordination with the activities of EDA - but exclusively civilian focus**

International Cooperation in H2020

- Default rule – international cooperation accepted and funded only when essential for carrying out the action (art. 9.2.a RoP)
- Participation is not accepted when the objective is incompatible with participation of entities established in a third country (e.g. non dependence)
- Possibility of participation and funding even if "not essential for carrying out the action" when the third country is identified in the work programme (art. 9.2.b RoP)

Note: This does not cover potentially associated countries

Forms of funding

- 1. Grants:** Strong simplification of the funding rates
 - **Research and innovation actions: 100%**
 - With flat rate of 25% for indirect cost = 125%
 - **Innovation: 70%**
 - With flat rate of 25% (of 70%) for indirect cost = 87,5 %
 - Exception: non-profit entities = 100% + 25% = 125 %
 - **Coordination and Support Actions (CSA): 100%**
 - With flat rate of 25% for indirect cost = 125%

Some exceptions to the 25% flat rate apply: e.g. subcontracting is a direct eligible cost but does not give right to extra 25%

2. Procurement: Following financial regulation

3. Others: Co-fund, Art. 185-187... not used in WP

Award criteria: *Research & Innovation; Innovation Actions*

1. Excellence

- Progress beyond state-of-the-art (e.g. ambitious ground-breaking objectives; novel approach; ...)
- Clarity of conception (e.g. rigour; credibility; trans-disciplinarity.)

2. Impact: [...] contribution to:

- The **expected impacts** listed in the work programme
- Enhancing innovation capacity and integration of new knowledge;
- Strengthening the competitiveness and growth of companies by developing innovations meeting the needs of European and global markets;
- ...measures to, disseminate and exploit the project results,... communication.

3. Quality and efficiency of implementation

- Coherence and effectiveness of work plan, ... allocation of tasks, resources;
- Competences, experience and complementarity of the individual participants, as well as of the consortium as a whole;
- Appropriateness of the management structures and procedures....risk management.



Scoring/weights/thresholds

- As in FP7 each criterion scored out of 5; individual threshold of 3; overall threshold of 10
- Innovation Actions and SME instrument...
 - impact criterion weighted by factor of 1.5
 - Impact considered first when scores equal

Evaluation Process

Chain of individual, consensus and panel review maintained. But changes w.r.t. FP7:

- Dealing with multi-disciplinary/sectoral proposals
 - New expert profiles, new blood; **Call for experts**
 - Robust rules on expert turnover;
 - More experts per proposal;
 - Clear procedures for cases where experts disagree
- Dealing with 8 month TTG
 - Proposals strictly evaluated on their own merit
No recommendations for substantial changes
 - More multi-step (stopping evaluation when threshold failed)
 - Fast and simplified procedure for SME instrument (i.a.)

.....thank you

Khoen Liem

European Commission

DG Enterprise and Industry

ENTR-SECURITY-RESEARCH-INDUSTRY@ec.europa.eu

http://ec.europa.eu/enterprise/policies/security/index_en.htm



(you can also find me in 'LinkedIn')