



- *2014-15 Budget:*
 - **~62 M€ (2014) & ~62 M€ (2015)**
- *Overall scope in 2016-17: similar to 2014-15*
- *Sub-areas:*
 - **Maritime security** (incl. external aspects)
 - **Border crossing points** (smart borders/ABC/...)
 - **Land surveillance**
 - **Supply chain security: Detection**
 - **Immigration**
 - **Information management for external security**
 - **Interoperability for external security**
 - ***Social science*** (conflict prevention/ethics at borders/..) *to be addressed at Mtg #3.*
- *Legacy: prior commitments 2014-15:*
 - **BES-11-2015: PCP or PPI follow-up in 2017**

- *Policies:*
High Priority for 2016-2017
 - Pdt. Junker's priorities:
 - ✓ Making the EU "A Stronger Global Actor"
 - ✓ "Towards a New Policy on Migration"

Others:

- The European Border Surveillance System (EUROSUR)
- The SMART Borders initiative
- The European Union Maritime Security strategy
- Regulation (EC) n°725/2004 on enhancing ship & port facility security
- Customs Risk Management and Security of the Supply Chain, COM(2012) 793
- EU Strategy and Action Plan for Customs Risk Management, COM(2014) 527
- Towards a stronger European disaster response; COM(2010)600
- EU Internal Security Strategy in Action (COM(2010) 673 final)
- EU Charter of Fundamental Rights
- Commission Staff Working Document on Transport Security SWD(2012)143 final of 31.5.2012

Towards the 2016-17 Work Programme

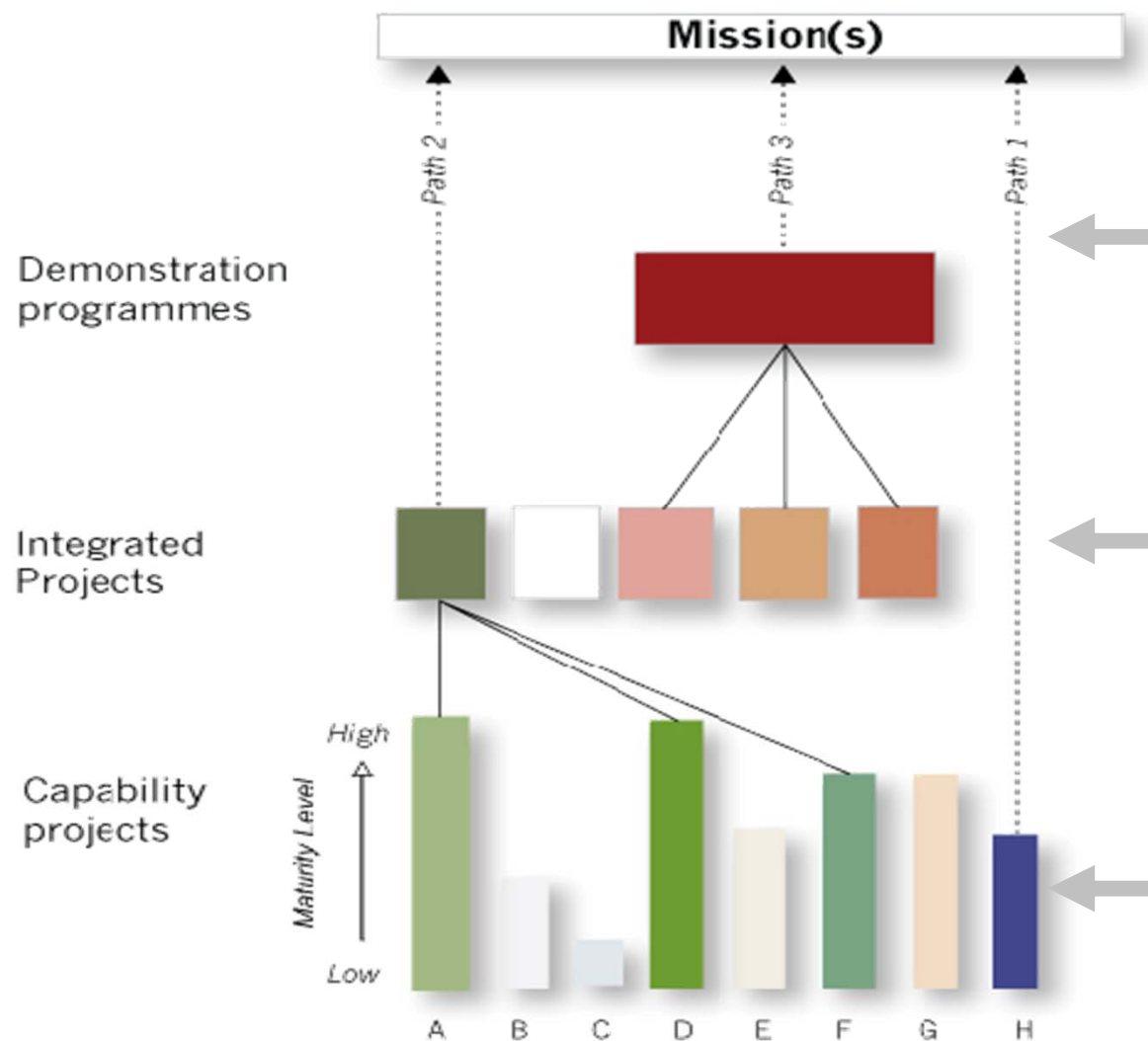


BES

Maritime security

FP7 + 2014-15	2016-17	2018-19	2020	2023-25
<p>FP7</p> <p>Research routes in R&D for Maritime (Border) Security</p> <p>14 FP7 projects</p> <p>No 2014 orphan topic No legacy for 2016-17</p> <p>CISE, will deliver roadmap and how to better link decision making to field information</p> <p>FP7 and BES-1/2/3/4/-2015 to deliver technologies and systems for surveillance</p> <ul style="list-style-type: none"> - mostly TRL 5 - 1 PCP: combined surface/air platforms + roadmap for UAVs (e.g. OPARUS) 	<p>Proposed option: No action (Awaiting for CISE and PERSEUS and the others to deliver)</p> <p><i>Alternate option: Some research focused on interoperability, but already covered by I2C + FP7</i></p>	<p>Large initiative towards an integrated (distributed) European System</p>	<p>Further research on major technological issues: detection of small boats, and 3D situational awareness</p>	<p>Implemented EEUMS Action Plan</p>

FP7 - Research routes in R&D for Maritime (Border) Security



Systems of systems demonstration

- Combination of IP results
- Multi-mission

**-Demonstration Programme
PERSEUS (27 M€ EC contr.)**

System development and validation

- Combination of capabilities
- Mission specific

SEABILLA (10 M€ EC contr.)

I2C (10 M€ EC contr.)

SUPPORT (10 M€ EC contr.)

SUNNY (10 M€ EC contr.)

POV CLOSEYE (9 M€ EC contr.)

Capability development

- Technology development (e.g. detection) -> **(WIMAAS, AMASS, TRITON)**

-Road mapping:

OPERAMAR → POV CISE

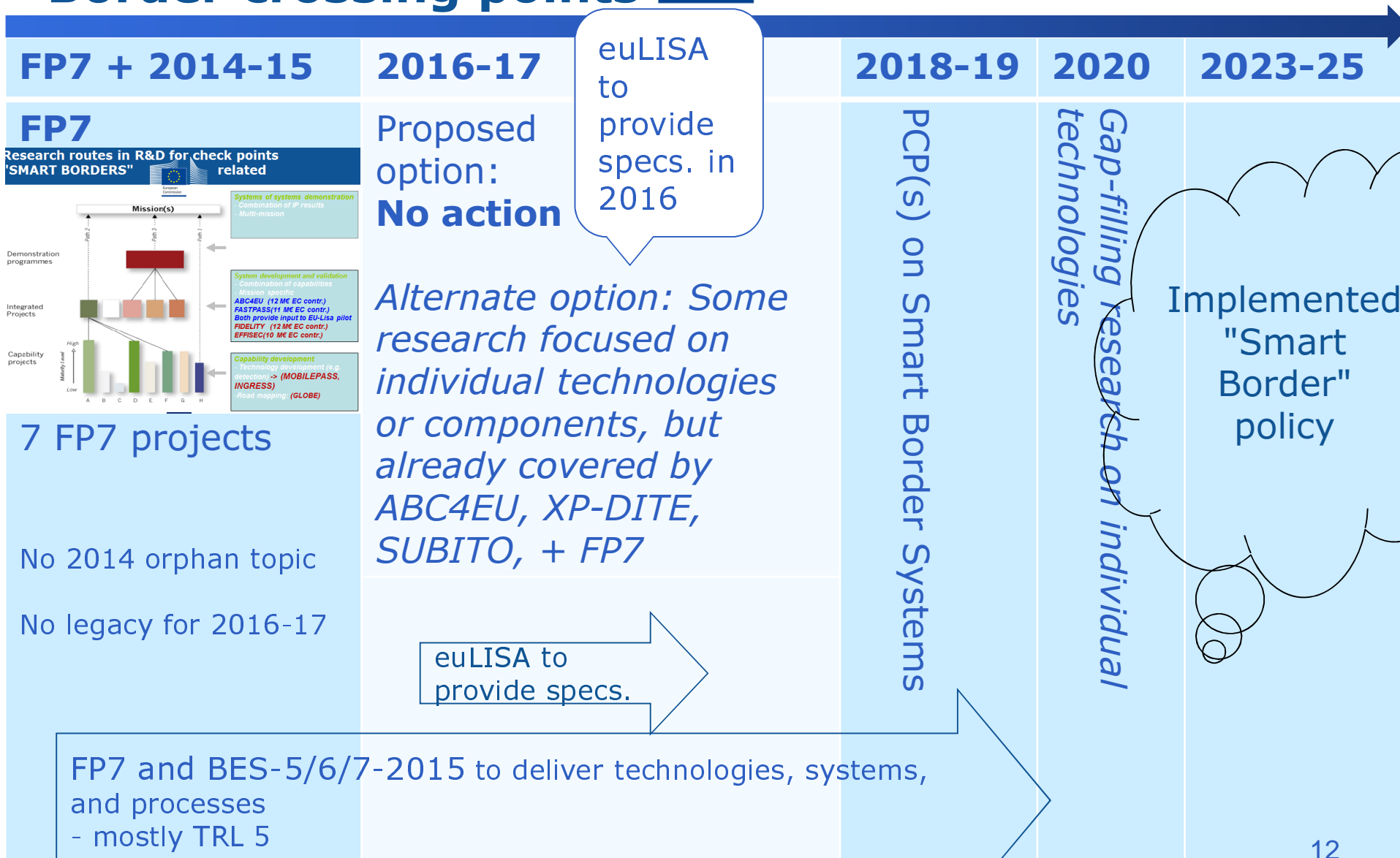
OPARUS

Towards the 2016-17 Work Programme

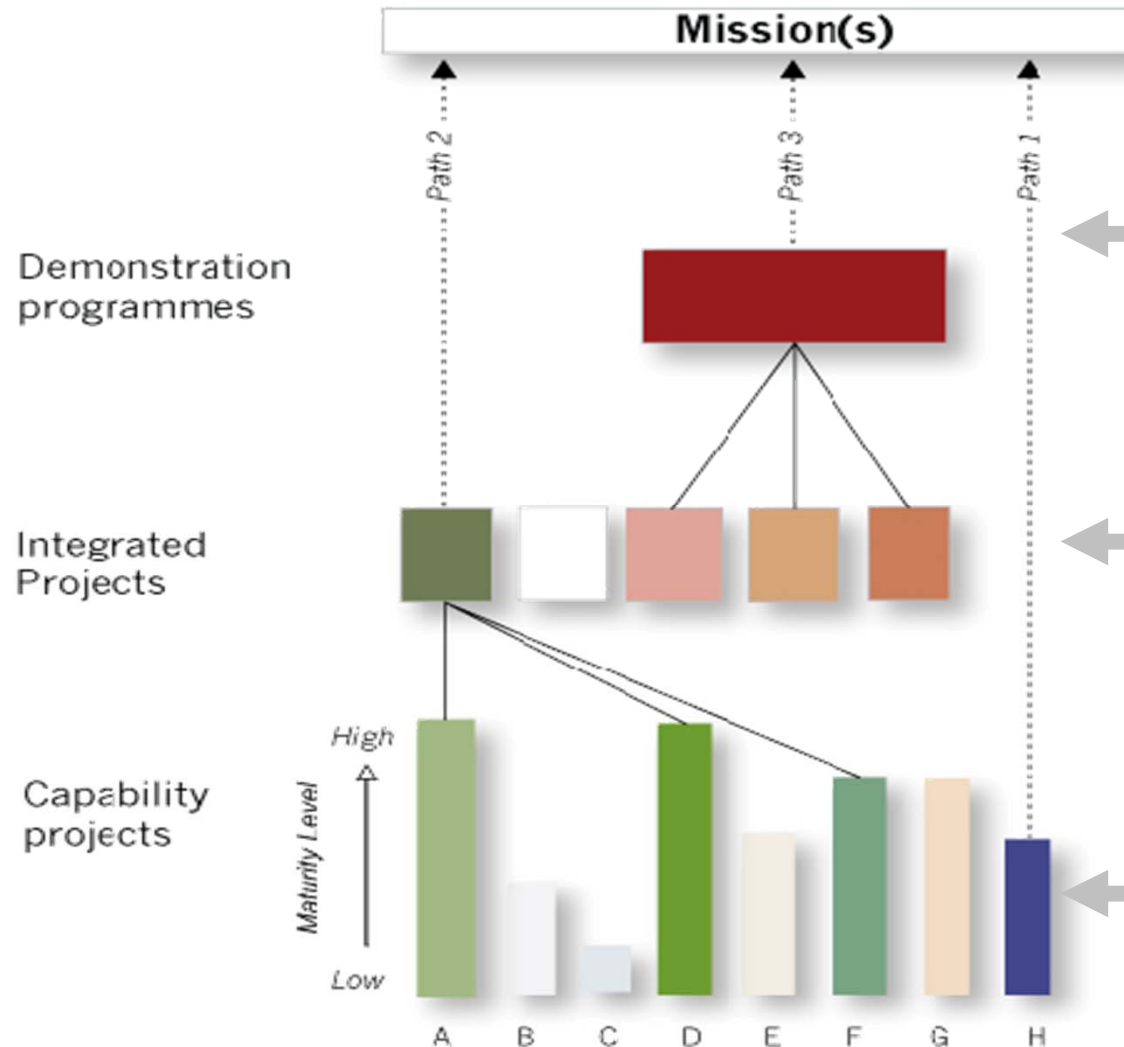


BES

Border crossing points



FP7 - Research routes in R&D for check points "SMART BORDERS"



Systems of systems demonstration

- Combination of IP results
- Multi-mission

System development and validation

- Combination of capabilities
- Mission specific

ABC4EU (12 M€ EC contr.)
FASTPASS(11 M€ EC contr.)
 Both provide input to EU-Lisa pilot
FIDELITY (12 M€ EC contr.)
EFFISEC(10 M€ EC contr.)

Capability development

- Technology development (e.g. detection) -> **(MOBILEPASS, INGRESS)**
- Road mapping: **(GLOBE)**

Towards the 2016-17 Work Programme



BES

Land surveillance

FP7 + 2014-15	2016-17	2018-19	2020	2023-25
FP7 EWISA (just started and to finish in 4 years) + technologies e.g. TALOS + 8 more FP7 projects	Proposed option: RIAs towards cost-reduction <i>Additional option: Ground breaking research e.g. under-foliage detection, "Human friendly" walls</i>	EWISA-based PCP?	Which types of activities?	
EWISA will deliver assessment of technologies, systems and processes				
No BES-2014-15				
No 2014 orphan topic				
No legacy for 2016-17				

Towards the 2016-17 Work Programme



BES

Supply chain security: Detection

FP7 + 2014-15

2016-17

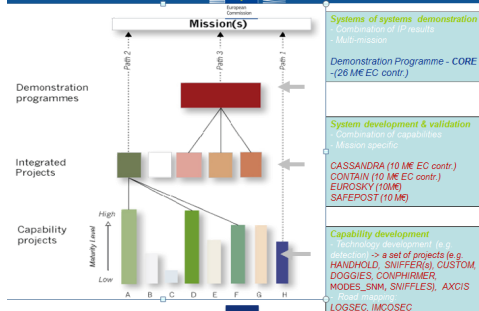
2018-19

2020

2023-25

FP7

Research routes in R&D (e.g. for Supply Chain Security)



15 FP7 projects

No 2014 orphan topic

No legacy for 2016-17

CORE will deliver assessment and validation of scalable solutions

FP7 and BES-8-2015, BES-9-2014 provide technologies, systems, and processes
- mostly TRL 5 and some TRL 7

Proposed option:
In 2016, CSA to disseminate project results
In 2017, CSA on next steps to exploit "detectors" projects

Additional option: RIA on robustness, fitness for purpose, cost reduction

RIA on integration, robustness, fitness for purpose, cost reduction?

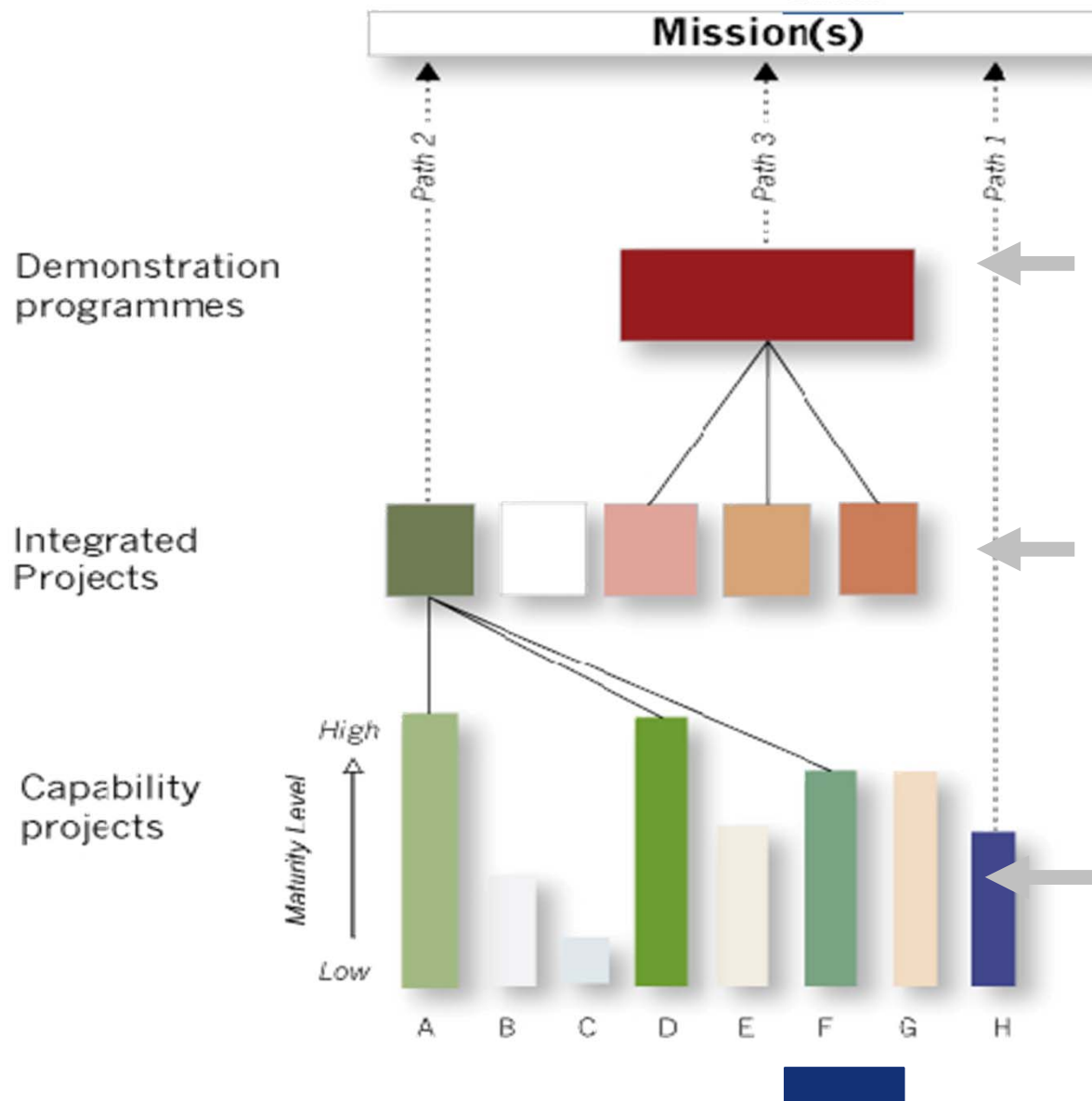
PCP(s) on "universal" detectors?

Detect all crime-related substance entering or leaving Europe, let the rest go through swiftly

FP7 - Research routes in R&D (e.g. for Supply Chain Security)



European
Commission



Systems of systems demonstration

- Combination of IP results
- Multi-mission

Demonstration Programme - **CORE**

-(26 M€ EC contr.)

System development & validation

- Combination of capabilities
- Mission specific

CASSANDRA (10 M€ EC contr.)

CONTAIN (10 M€ EC contr.)

EUROSKY (10M€)

SAFEPOST (10 M€)

Capability development

- Technology development (e.g. detection) -> a set of projects (e.g. **HANDHOLD**, **SNIFFER(s)**, **CUSTOM**, **DOGGIES**, **CONPHIRMER**, **MODES_SNM**, **SNIFFLES**), **AXCIS**

- Road mapping:
LOGSEC, **IMCOSEC**

Towards the 2016-17 Work Programme



BES

Immigration

FP7 + 2014-15	2016-17	2018-19	2020	2023-25
<p>No history as a "label"</p> <p>Activities in FP7 and 2014-15 relevant to illegal or legal immigration in BES and FCT</p>	<p>Proposed option:</p> <p>In 2016, CSAs on:</p> <ul style="list-style-type: none"> - Analyzing the gaps wrt. relevant technologies, tools, systems and results from in FP7, BES and FCT activities, from the viewpoint of immigration-related needs - Establishing a roadmap for cooperation with neighboring (esp. Maghreb and Sahel) countries 	TBD	TBD	<p>Only desired immigrants cross into Europe, the others stay safely out</p>

Towards the 2016-17 Work Programme



BES

Immigration

What is wanted ?



YES

Business relations
Tourism
Legal immigration

NO

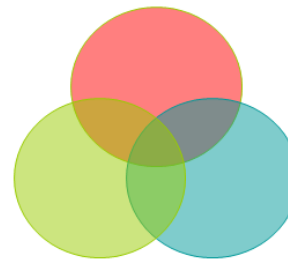
Immigrants into EU undetected
Crime/Terrorism
Reduce death toll of immigrants at Sea

- finding the right balance between the need for protecting and promoting mobility and travel, and the need to preserve a safe and secure area within the EU
- respecting the highest standards of human rights
- acting in a spirit of solidarity
- supporting an intelligence and risk based management approach

3 components



Common Corpus of legislation,
in particular **Schengen Borders Code**
Full respect of EU Charter of Fundamental Rights



Operational Cooperation between
Member States, incl. support
by FRONTEX Agency

Solidarity between MS and Union
through *External Borders Fund*
(now *Security Fund*)

Only
desired
immigrants
cross into
Europe,
the others
stay safely
out

Towards the 2016-17 Work Programme



BES

Information management for external security

EEAS to
develop 1st
generation
of CSDP
integrated
information
system

2014-15

2016-17

2018-19

2020

2023-25

No FP7

Proposed
option:
**In 2017
PCP on next
generation
of EU CSDP
information
system**

No 2014 orphan
topic

Modern,
fully
integrated
IS to
support
CSDP

Legacy
from
BES-11-
2015

BES-10-2015 on personel tracking

Towards the 2016-17 Work Programme



BES

Interoperability for external security

