Les appels du défi « sociétés sûres » en 2018

Lyon, 9 janvier 2018

Michel F. Bosco

Senior Strategy Advisor

CCI Lyon Métropole

INTERNATIONAL CONSULTING

De la continuité …

Mais en même temps !

De l'innovation …

De la continuité …

- ➤ Protection de l'infrastructure, DRS, FCT, BES, "General Matters", sureté numérique
- ➤ Participation obligatoire des professionels de la sécurité
- ➤ Technologies et sciences humaines
- ➤ Sous-sujets : "Open"

De l'innovation…

- ➢ "Security Union"Focus Area
- ➢ PCP très ouverts sous "General Matters"
- ➢ Sécurité et sureté des villes intelligentes
- ➢ (Quasi) généralisation des sujets/sous-sujets
- ➢ Sous-sujets encourageant la coopération internationale ciblée

CIP
Critical Infrastructure Protection

- Not CIP, but INFRA
- 2 topics
  - 1 "usual" CIP as in 2016-2017
  - 1 "smart cities" and soft targets

  IA

En 2018 ...

➢ SU-INFRA01-2018-2019-2020: Prevention, detection, response and mitigation of combined physical and cyber threats to critical infrastructure in Europe

❑ Nouveaux (sous) domaines
❑ Prise en compte des domains couverts en 2016 et 2017

DRS
Disaster-Resilient Societies

En 2018 …

➢ SU-DRS01-2018-2019-2020: Human factors, and social, societal, and organisational aspects for disaster-resilient societies

➢ SU-DRS02-2018-2019-2020: Technologies for first responders
  ❑ Victim-detection technologies

➢ SU-DRS03-2018-2019-2020: Pre-normative research and demonstration for disaster-resilient societies
  ❑ Pre-standardisation for the security of water supply

Human factors:
• no sub-topic
• cooperation with Japan re "culture resilience"

Technologies:
• 3 specific sub-topics (1/year), in competition with "Open"
• cooperation with Korea and Japan (research and academia) for all sub-topics

Pre-standardisation and demonstration
• 3 specific sub-topics in competition during the 3 years, but no "Open"
    IA

CBRN cluster
• as in 2017, but starting in 2019 only

Demonstration on pandemics
• only in 2019

INTERNATIONAL CONSULTING

FCT
Fight against Crime and Terrorism

En 2018 …

➢ SU-FCT01-2018-2019-2020: Human factors, and social, societal, and organisational aspects to solve issues in fighting against crime and terrorism

❑ New methods to prevent, investigate and mitigate trafficking of human beings and child sexual exploitation – and on the protection of victims

➢ SU-FCT02-2018-2019-2020: Technologies to enhance the fight against crime and terrorism

❑ Digital forensics in the context of criminal investigations

➢ SU-FCT03-2018-2019-2020: Information and data stream management to fight against (cyber)crime and terrorism

Human factors:
- 3 specific sub-topics, 1/year, in competition with "Open"

- cooperation with third countries in "radicalisation"

Technologies:
- 3 specific sub-topics, 1/year, in competition with "Open"

Big-data analytics
- no sub-topic
  IA

Explosives
- 2020

INTERNATIONAL CONSULTING

En 2018 …

➢ **SU-BES01-2018-2019-2020: Human factors, and social, societal, and organisational aspects of border and external security**

❑ Detecting security threats possibly resulting from certain perceptions abroad, that deviate from the reality of the EU

➢ **SU-BES02-2018-2019-2020: Technologies to enhance border and external security**

❑ Detecting fraud, verifying document validity, and alternative technologies to identifying people

❑ Providing integrated situational awareness and applying augmented reality to border security

➢ **SU-BES03-2018-2019-2020: Demonstration of applied solutions to enhance border and external security**

❑ Remotely piloted aircrafts and underwater autonomous platforms to be used from on-board offshore patrol vessels

Human factors:
• 3 specific sub-topics, 1/year, in competition with "Open"
• cooperation with third countries in "misperceptions about the EU"

Technologies:
• 3 specific sub-topics, 1/year, in competition with "Open"

Demonstrations:
• 3 specific sub-topics, 1/year, in competition with "Open"
• cost eligibility exceptions, coordination by civilian authority

IA

En 2018 …

➢ **SU-GM01-2018-2019-2020: Pan-European networks of practitioners and other actors in the field of security**
   ❑ Procurement agencies
   ❑ Innovation clusters

➢ **SU-GM02-2018-2020: Strategic pre-commercial procurements of innovative, advanced systems to support security**
   ❑ Common requirements specifications for innovative, advanced systems to support security

➢ **SU-GM03-2018-2019-2020: Pre-commercial procurements of innovative solutions to enhance security**

- Networks:
  - network of practitioners, but not before 2019
  - 2 more networks in 2018

- Open "CSA (100%) + PCP (90%)" scheme

- Open PCP scheme (70%)

DRS
Disaster-Resilient Societies

Bonus 2019 … !!!

1

➢ SU-DRS04-2019-2020: Chemical, biological, radiological and nuclear (CBRN) cluster
  ❑ Lien contractuel avec ENCIRCLE *("grant agreement under SEC-05-DRS-05-2016-2017 part a).")*
  ❑ *http://encircle-cbrn.eu/*

INTERNATIONAL CONSULTING

DRS
Disaster-Resilient Societies

Bonus 2019 … !!!

2

➢ SU-DRS05-2019: Demonstration of novel concepts for the management of pandemic crises

❑ Suite à : Sujet DRS4 du Call SC7 de 2014

❑ "to address the feasibility of strengthening capacity-building for health and security protection in case of large-scale pandemics (phase 1). The resulting project has issued a range of recommendations for research gaps to be addressed in priority. It has also proposed innovative concepts to integrate better the existing tools and systems for health and security protection in case of large-scale pandemics, taking into account potential impacts of climate change."

❑ *http://www.pandem.eu.com/about-pandem/*

INTERNATIONAL CONSULTING

Merci de votre attention …

Conseil en stratégies d'innovation et d'internationalisation,

aux entreprises, organismes intermédiaires,
et collectivités publiques,

dans les domaines de souveraineté nationale comme …

Spatial **Sécurité** **Protection Civile** **Services d'Urgence** **Défense**

INTERNATIONAL CONSULTING

Michel Bosco

Managing Director
Senior Strategy Advisor

Drève des Shetlands, 2 bt 1
BE-1150 Brussels, Belgium

+32 477 610507

michel.bosco@mamic.be
www.mamic.be

INTERNATIONAL CONSULTING