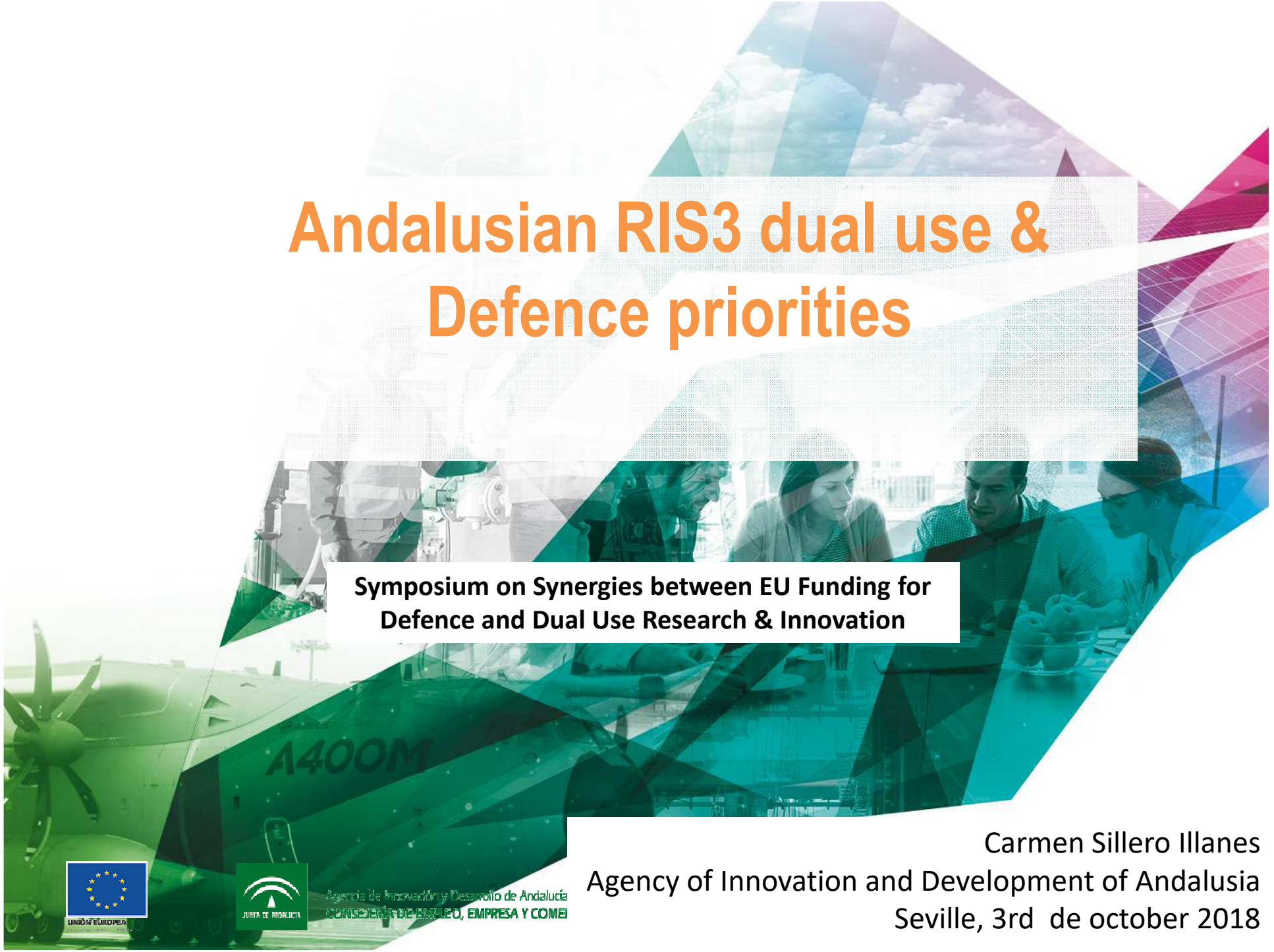
Andalusian RIS3 dual use & Defence priorities

Symposium on Synergies between EU Funding for Defence and Dual Use Research & Innovation



Carmen Sillero Illanes
Agency of Innovation and Development of Andalusia
Seville, 3rd de october 2018

RIS3 ANDALUCÍA

- IMPULSE AND DEVELOPMENT OF MOBILITY AND LOGISTICS
- ADVANCED INDUSTRY LINKED TO TRANSPORT
- SUSTAINABLE USE OF TERRITORIAL BASED ENDOGENOUS RESOURCES
- ENHANCEMENT OF ANDALUCÍA AS A TOURIST, CULTURAL AND LEISURE DESTINATION
- IMPULSE TO HEALTH AND SOCIAL WELFARE SYSTEMS
- RESEARCH INNOVATION AGRIBUSINESS AND HEALTHY FOOD
- BOOSTING OF RENEWABLE ENERGIES, ENERGY EFFICIENCY AND SUSTAINABLE CONSTRUCTION
- EMPOWERMENT OF ICT AND THE DIGITAL ECONOMY

ANDALUSIAN INDUSTRIAL STRATEGY

EIA 2020

DUAL USE AND DEFENCE INDUSTRY IN ANDALUSIA

ADVANCED MANUFACTURING IN THE TRANSPORT INDUSTRY: AEROSPACE, NAVAL AND AUTOMOTIVE. CADIZ 27/10/2017

DUAL USE TECHNOLOGIES IN TRANSPORT INDUSTRY. 3er ENCUENTRO INTERNACIONAL DUAL USE - INFODAY CLEAN SKY. SEVILLA 15/11/2017

AEROSPACE INDUSTRY IN ANDALUSIA. UAV INDUSTRY. MÁLAGA 01/12/2017

INDUSTRY 4.0. SEVILLA. 06/10/2017

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THE AGENTS OF EIA 2020 GOVERNANCE: PRIVATE PUBLIC COOPERATION

Private

Entrepreneurial Discovery Process

Forums

Territorial, CLUSTERS, sectors, …(variable geometry and may or may not be permanent over time)

Push

Entrepreneurial Discovery Process

Codecisión Table

Working groups

Working Gropus

…

Working groups

Public Private Participation

Gerenal Innovation Secretary of the Andalusian Goveremnt

Coordination

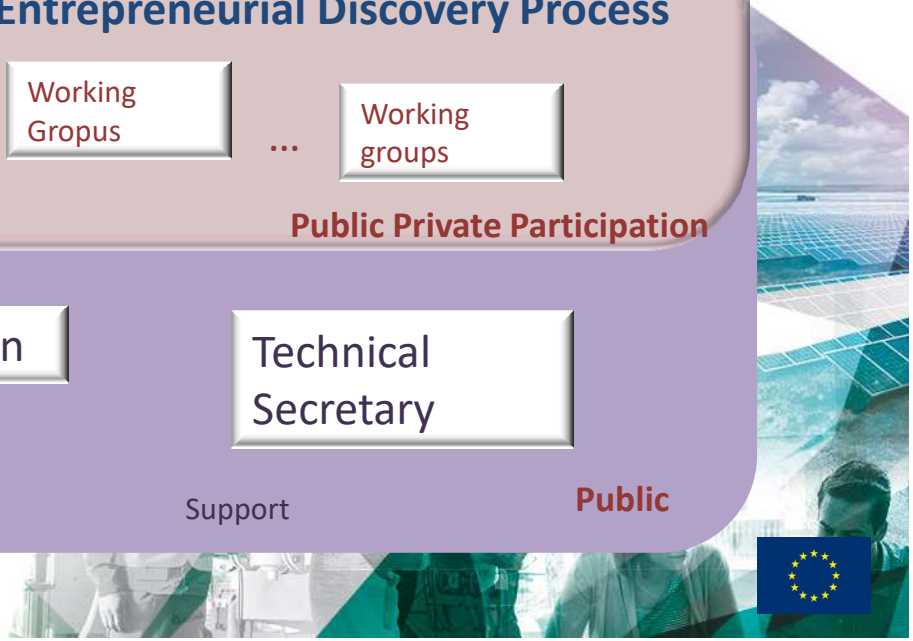
Technical Secretary

Direction

Coordination

Support

Public



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ENTREPRENEURIAL DISCOVERY PROCESS
EIA 2020
WORKING GROUPS

GROUP SESSION PREPARATION

- Preparation of documentation. Working-sheet of every opportunity raised
- Selection of invited experts
- Invitation remittance
- Submission of documentation and call for attendance
- Receiving proposals from expert guests
- Elaboration of actions to be prioritized for each opportunity

FUNCTIONS

1. Analyzing the opportunities detected in the Entrepreneurial Discovery Process:
   - Vertical opportunities identified in the preparation of the EIA2020
   - Opportunities coming from the Governance (Codecision Committee, Forums, Technical Team)
2. Validating and ranking the opportunities
3. Raising validated Opportunities to the Codecision Committee for its transformation into EIA2020 Measures

DEVELOPMENT GROUP MEETING

- Institutional opening
- Participation and Debate
- Voting for prioritization

COLLABORATIVE PLATFORM www.estrategiaindustrialdeandalucia.org

- Information Exchange
- Management of thematic groups
- Repository of documents

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DUAL USE INDUSTRY IN ANDALUCIA 2016

AIRBUS DEFENCE & SPACE

Navantia

OEMs Andalusia
Turnover 1.722 M€

GENERAL DYNAMICS
European Land Systems
Santa Bárbara Sistemas

Auxiliary industry in Andalusia: 317 companies
Turnover 1. 300 M€

TOTAL Turnover (2016) 3.022 M€

18,610 Jobs=> 9% Regional Industrial Jobs*

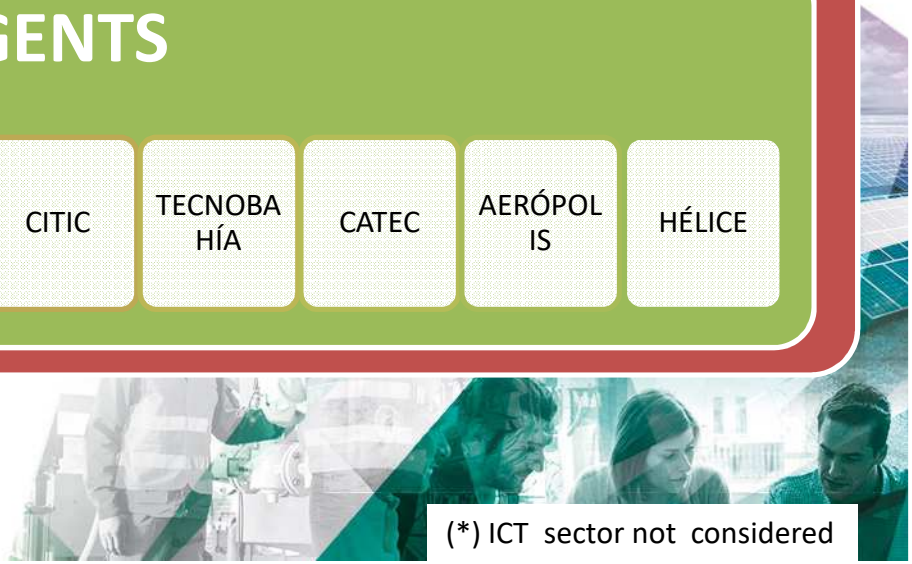
STAKEHOLDERS

TECHNOLOGICAL INFRASTRUCTURES

- CEUS
- CTA- Cádiz
- ATLAS

KNOWLEDGE AGENTS

- UNIVERSITIES
- NAVAL CLUSTER
- CITIC
- TECNOBAHÍA
- CATEC
- AERÓPOLIS
- HÉLICE



(*) ICT sector not considered

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Session 3 "AEROESPACE INDUSTRY IN ANDALUSIA. OPPORTUNITIES FOR THE UAV INDUSTRY

December 1, 2017

Government Delegation, Malaga

Opening; **Mr Javier Carnero, Consejero de Empleo, Empresa y Comercio**

Opportunities analysed	Number of activities prioritised
1. Aerospace Industry	13
2. UAV opportunities	20

Observations: Proposals received, 58. which were synthesized in 33 analyzed actions, given the high interest it aroused

CODECISION COMMITTEE

Desarrollo de Andalucía IDEA
.O, EMPRESA Y COMERCIO

CHALLENGES IDENTIFIED

- Andalusian companies are willing to be an active part of the European Defense industrial base and to participate in equal conditions in the European defense market.
- Very opaque markets for SMEs, fierce competitiveness, highly conditioned by domestic buyers and geopolitical conditions
- SMEs need to reduce dependence of their traditional tractors, Increasing their capabilities and gaining size, working in clusters and intercluster, especially cooperating with national/ international companies and knowledge centers
- Development of a nearby supply chain.
- Long term policies needed to support innovation
- Faster taking in of knowledge along the supply chain. Adaptation to Industry 4.0
- Counting on technological infrastructures at the service of the companies
- Development of new skills. Vocational Training. Agility in providing specialized skills, especially for facing the threats of cybersecurity.
- Space is a clear example of European value sector. New business models based on cost reduction: New Space, within this, the NEAR SPACE.

Cadiz, Advanced Manufacturing Center, (CFA)

ATLAS. Estratoport HAPS (High Altitude PlaForms)

CEUS-CEDEA

y Desarrollo de Andalucía IDEA

EO, EMPRESA Y COMERCIO

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CDTI-"Radar monoestático SST Morón de la Frontera", (SST - Space Surveillance and Tracking) de la ESA.

OTHER EIA 2020 MEASURES

SECTORIAL PLANNING FOR ANDALUSIAN AEROSPACE SECTOR 2018-2023

STRENGTHENING THE RELATIONAL CAPITAL OF SPACE INDUSTRY ECOSYSTEM IN ANDALUSIA

ADVANCED SERVICES LINKED TO DUAL TECHNOLOGIES

INDUSTRIAL PROGRAMME BASED ON INNOVATIVE PUBLIC PROCUREMENT ON UAV

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CONSEJERÍA DE EMPLEO, EMPRESA Y COMERCIO

INCENTIVE FRAMEWORK

240 M€

BOJA Boletín Oficial de la Junta de Andalucía
Número 108 - Jueves, 8 de junio de 2017
página 107

1. Disposiciones generales

CONSEJERÍA DE EMPLEO, EMPRESA Y COMERCIO

Orden de 5 de junio de 2017, por la que se establecen las bases reguladoras para la concesión de subvenciones destinadas a la promoción de la investigación industrial, el desarrollo experimental y la innovación empresarial en Andalucía.

70 M€

COMING SOON

ANDALUSIAN PUBLIC FUND FOR BUSINESS FUNDING AND ECONOMIC DEVELOPMENT, Financial instrument 958.4 M € of Andalusian funds and ERDF

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GRANTS* PROJECTS FUNDED 2015-16

LINE	NUMBER	INVESTMENT	AID	JOBS
GROWTH	11	4.754.103	1.340.201	11
CREATION	5	4.147.403	1.445.508	5
TOTAL	16	8.901.506	2.785.709	16

NEW CALLS GRANTS +2017 (**)

INDUSTRIAL DEVELOPMENT CALL

PROJECTS SUBMITTED 35, P2 RIS3

123’5 M € Total industrial investment

R&D CALLs **SYNERGIES**

PROJECTS SUBMITTED 12, P2 RIS3

111 M€ Total R&D investment

INNOVATION JOINT UNITS CALL

PROJECTS SUBMITTED 2, P2 RIS3

6.7 M€ otal R&D investment

FINANCIAL INSTRUMENTS

	PROJECT	INVESTMENT	LOAN	JOBS
TOTAL	9	5.893.908	3.328.940	409

* Within the framework of the 2015 and 2016 calls, transport industry projects (CNAE 29 and 30) and projects included in priority P2 positively resolved. Consolidation of advanced industry linked to transport,

** Resolution pending

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SYNERGIES AND ALLIANCES

SYNERGIES

enterprise europe network 2008-2018

SMART SPECIALISATION PLATFORM

VANGUARD INITIATIVE
New growth through smart specialisation

eurada

Clean Sky 2

ENDR

EUROPEAN NETWORK OF DEFENCE-RELATED REGIONS

Dual Use Technologies Seville Declaration

European Commission

EDSP
EUROPEAN DEFENCE SKILLS PARTNERSHIP

EUROPEAN DEFENCE AGENCY

Cooperation among all sizes companies, european, national and regional goverments, science and innovation entities, Ministries of Defense…. is needed to build a solid and coompetitive european industrial defence base

Let ‘s do it together !

Thank you for your attention

Carmen Sillero
Head of Division for Strategy and Programmes
Agencia de Innovación y Deaserrollo de Amdañicóa
csillero@agenciaidea.es

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JUNTA DE ANDALUCIA CONSEJERIA DE EMPLEO, EMPRESA Y COMERCIO