

O que é a ECSEL JTI?

Filipa Duarte | Elisabete Pires
Pontos de Contacto Nacionais de
ICT & FET

Joint Technology Initiatives (JTI)

- Arising from the **European Technology Platforms (ETPs)**
- Formalized public-private partnerships (PPP)
- Bodies set up by the Community
- Members: Industry, European Community, a set of Member States and Associated Countries
- Objectives
 - Define and implement a Research Agenda
 - Support R&D activities (Calls for Proposals)
 - Promote the public-private partnership (increase investments)
 - Achieve synergy and coordination with other European R&D
 - Promote the involvement of SME's



ECSEL JTI

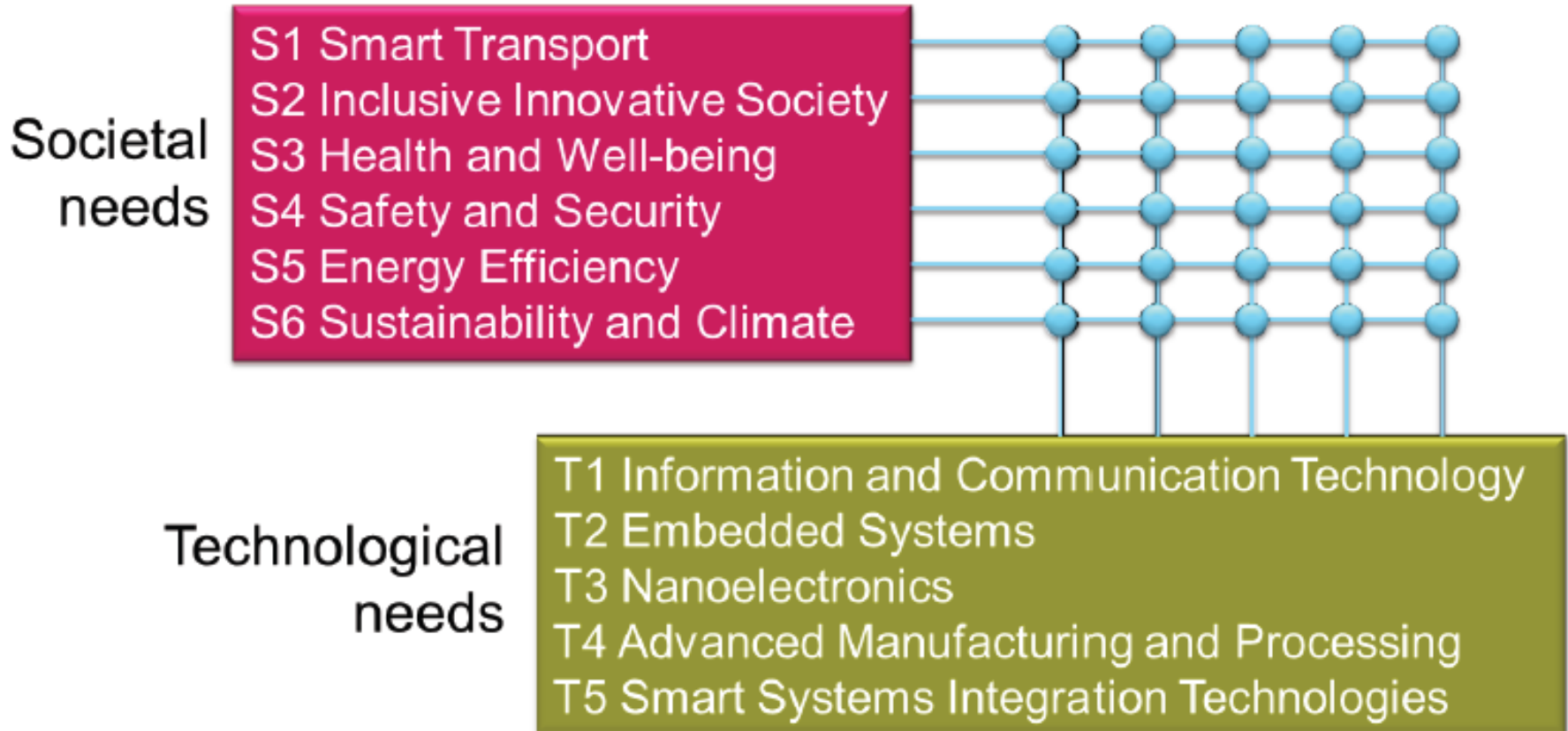
Electronic Components
and Systems for
European Leadership
Joint Technology
Initiative

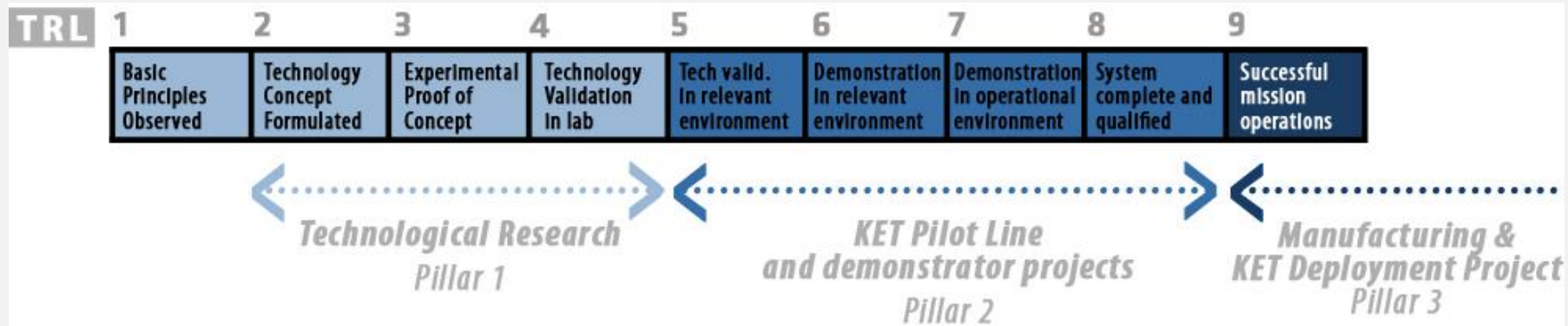
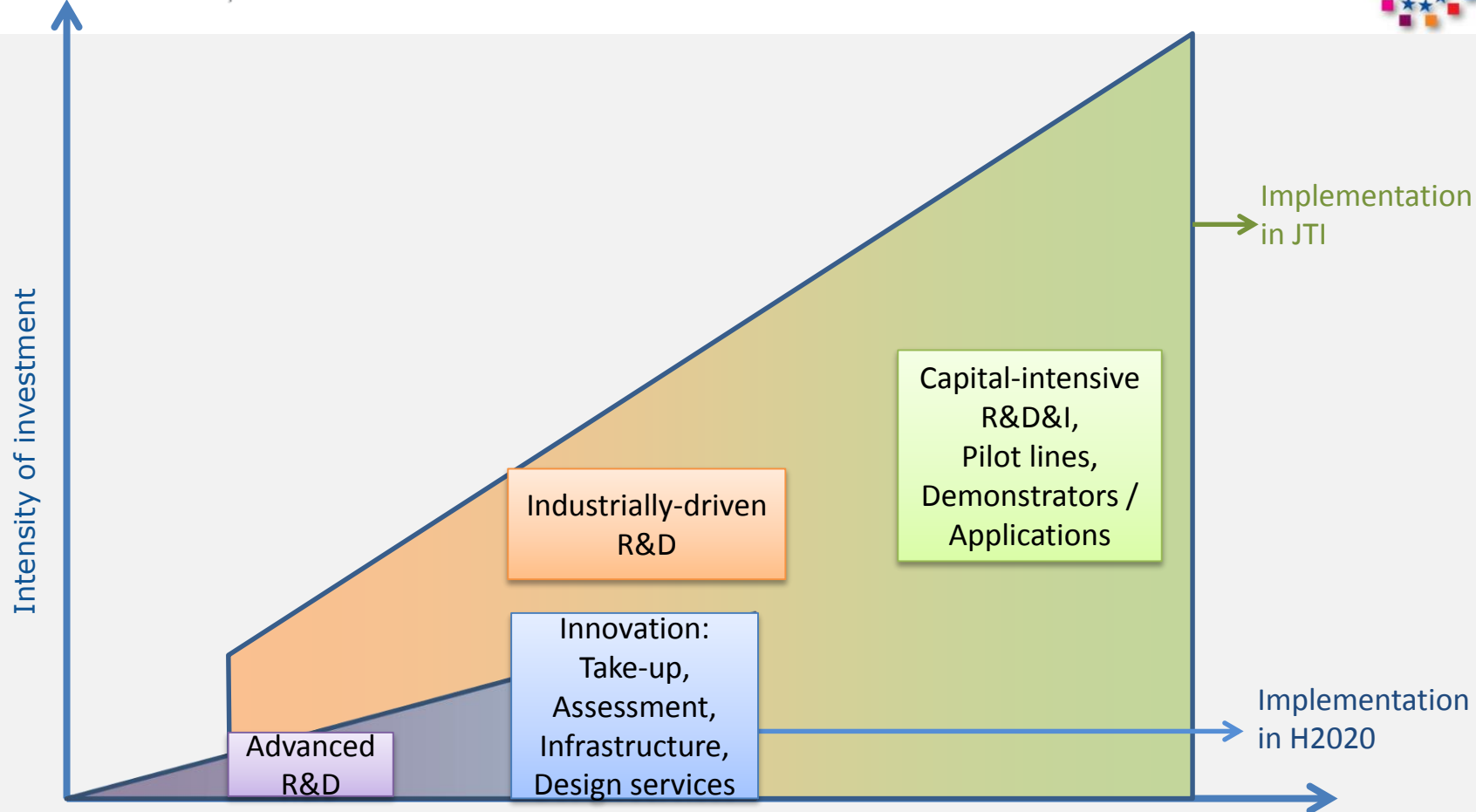
ECSEL

Electronic Components and Systems for European Leadership

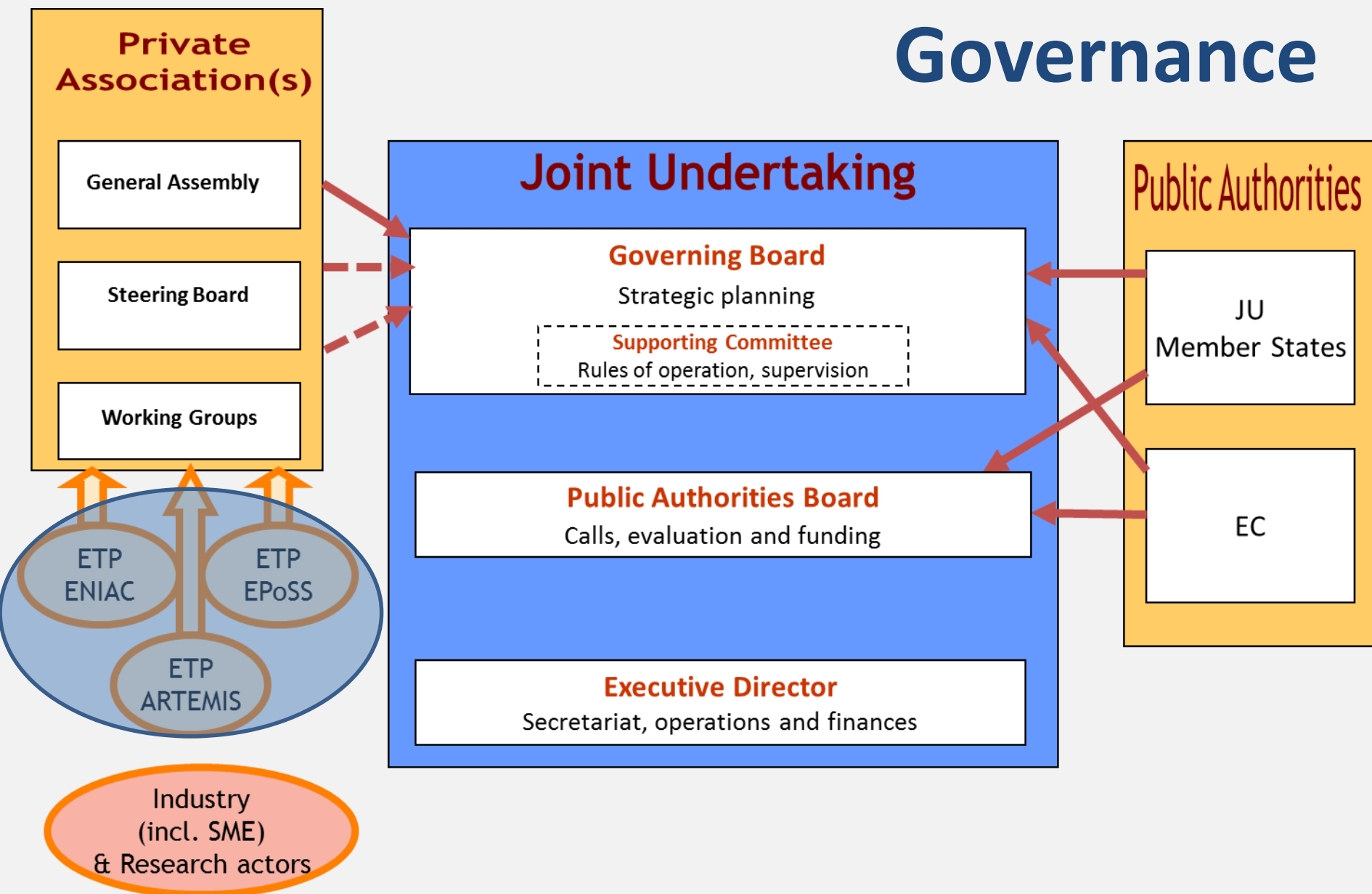
- A strong and globally competitive electronics components and systems industry in the EU and their availability for addressing societal challenges
=> Target: doubling of EU's share of the components market
- Higher economic and employment growth in the EU => Target: 250 000 jobs and more than 100 B€ of additional investments
- Grow semiconductor and smart system manufacturing capability in Europe, including leadership in manufacturing equipment and materials processing;
- A dynamic ecosystem involving innovative Small and Medium-Sized Enterprises (SMEs)

Strategy





Governance



ICT European Technology Platforms (ETP)

European Technology Platforms (ETP) ICT	WEBSITE
ARTEMIS - Embedded Computing Systems	http://cordis.europa.eu/technologyplatforms/artemis_en.html
ENIAC - European Nanoelectronics Initiative Advisory Council	http://cordis.europa.eu/technology-platforms/eniac_en.html
EPoSS - European Technology Platform on Smart Systems Integration	http://cordis.europa.eu/technology-platforms/eposs_en.html
ISI - Integral Satcom Initiative	http://cordis.europa.eu/technology-platforms/isi_en.html
Net!Works - Converged fixed and Wireless Communication Networks	http://cordis.europa.eu/technology-platforms/networks_en.html
NEM - New Media Content and Networks	http://cordis.europa.eu/technology-platforms/nem_en.html
NESSI - Networked European Software and Services Initiative	http://cordis.europa.eu/technology-platforms/nessi_en.html
EUROP - Robotics	http://cordis.europa.eu/technology-platforms/europ_en.html
Photonics21	http://cordis.europa.eu/technologyplatforms/photonics_en.html

ARTEMIS

Advanced **R**esearch & **T**echnology in **EM**bedded **I**ntelligence and **S**ystems

- Embedded systems will realise the dream of ambient Intelligence in everyday objects. This will increase the quality of life. The result makes life healthier and more secure.

ENIAC

European **N**anoelectronics **I**nitiative **A**dvisory **C**ouncil

- A research programme aimed at enhancing the further integration and miniaturisation of devices and increasing their functionalities

EPoSS

European **T**echnology **P**latform on **S**mart **S**ystems **I**ntegration

- Smart Systems are autonomous or collaborative systems that bring together sensing, actuation, informatics and communications to detect / evaluate / predict / respond users or other systems perform a role



Established in Paris (Association under French law)

Dual purpose: Continuing ENIAC ETP activities, representing R&D actors in JU

Constituency:

Chamber A: SMEs (fee 1 000€ per year)

Chamber B: Public Research Organisations (fee 1 000€ per year)

Chamber C: Corporate (5 000€/10 000€ depending on size)

+ variable contribution



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA





ARTEMIS Industry Association

The association for R&D actors in embedded systems

Established in Eindhoven (Association under Dutch law)

Dual purpose: Continuing ARTEMIS ETP activities, representing R&D actors in JU

Constituency:

Chamber A: SMEs (fee 1 000€ per year)

Chamber B: Public Research Organisations (fee 1 000€ per year)

Chamber C: Corporate (5 000€/10 000€ depending on size)

+ variable contribution

Presidium: Cassidian Airborne Solution GmbH, NXP Semiconductors, DIGILE Ltd., Finmeccanica

ABB

AIRBUS



NOKIA
CONNECTING PEOPLE

DAIMLERCHRYSLER



PHILIPS

ERICSSON

SIEMENS THALES

FINMECCANICA





Established in Berlin (Association under German law)

Dual purpose: representing the smart systems R&D actors in JU

Constituency:

Universities (fee 2 000€ per year)

Research Institutes (fee 4 000€ per year)

SMEs (fee 4 000€ per year)

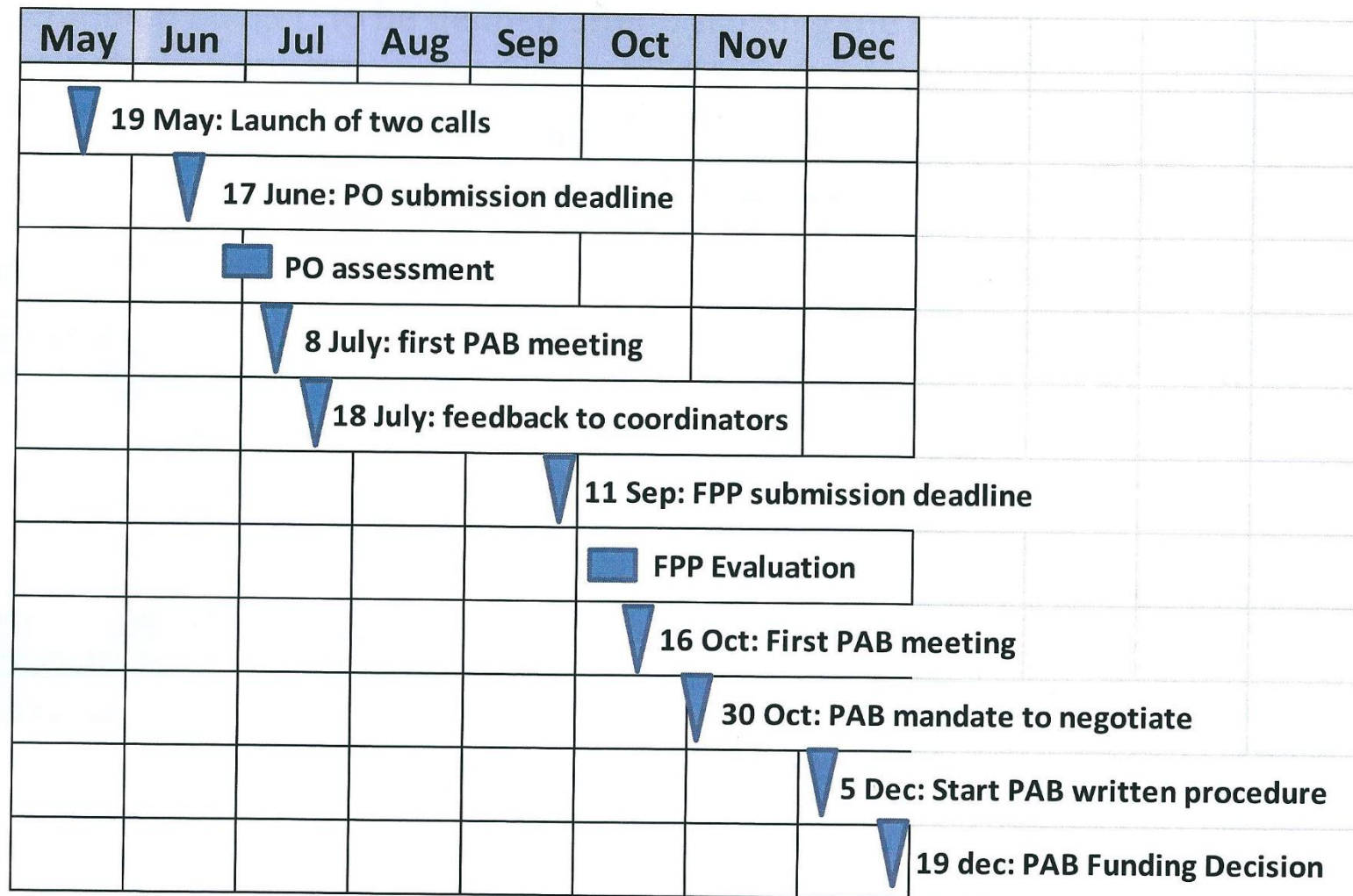
Large companies (fee 8 000€ per year)



Why joining the Industrial Associations?

- ARTEMISIA, AENEAS and EPoSS represent European R&D actors in the JU's
- Unique opportunity to shape the future evolution of the industrial R&D!
- Definition of Strategic Research Agenda and Work Programmes
- Definition of industrial policy and activities of the JU
- Voting rights for elections and key decisions
- Stay involved in the activities of the Technology Platform
- Extensive and respected network of potential R&D partners

Timeframe



GPPQ – Gabinete de Promoção do Programa Quadro

- **Promoção** da participação portuguesa no PQ
- Veículo de **informação** entre a Comissão Europeia e as entidades nacionais.
- **Apoio à participação nacional** (participação nas redes europeias, divulgação, formação, etc.).
- Acompanhamento da **participação nacional** nos projetos em curso.
- **Coordenação da rede de Pontos de Contacto Nacionais (NCP).**
- **Helpdesk**

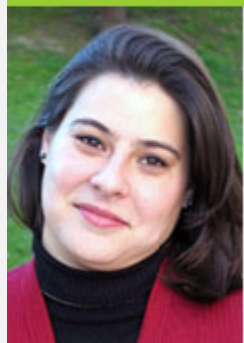
www.gppq.fct.pt



The screenshot shows the GPPQ website interface. At the top, there's a header with the GPPQ logo and navigation links. Below the header, there's a section titled 'Gabinete de Promoção do Programa Quadro de I&DT' with a list of topics: AMB, TRAN, SSH, SPACE, SEC, IDEIAS, PESS, INFRA, SME, and REG. A green banner below this says 'Escolha o tema aqui'. The main content area is divided into three columns. The left column has a link to 'Catálogo de Projectos com Coordenação Portuguesa no 7º PQ' and a link to '7º PQ - 1ª versão parcial (03/2013)'. The middle column has a link to 'GPPQ | Gabinete de Promoção do Programa Quadro de I&DT' and a link to 'Casos de Sucesso na implementação do 7º PQ'. The right column has a link to 'Destaque' and a link to 'Eventos'. At the bottom, there's a contact section for Morada, Av. D. Carlos I, n.º 126, 4.º andar, 1249-074 Lisboa, Portugal, with a phone number and email address. The footer mentions the NCP Coordinator, Eduardo Maldonado.

Contactos

FET | ICT
SEGURANÇA
ECSEL



Filipa Duarte

🏠 GPPQ

Av. D. Carlos I, n°126, 4º andar
1249-074 LISBOA

✉ filipa.duarte@fct.pt

☎ +351 21 391 73 55

FET
ICT
ECSEL



Elisabete Pires

🏠 GPPQ

Av. D. Carlos I, n°126, 1º andar
1249-074 LISBOA

✉ elisabete.pires@fct.pt

☎ +351 21 391 15 61

Gabinete de Promoção do Programa-Quadro

www.gppq.fct.pt