

Thales in the European Defence Fund

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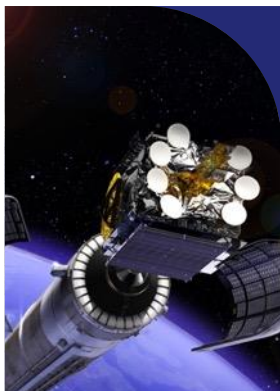
Thales markets and key figures

DUAL MARKETS

Military & Civil



AEROSPACE



SPACE



GROUND
TRANSPORTATION



DEFENCE



SECURITY

TRUSTED PARTNER FOR A SAFER WORLD

81 000 employees - Presence in 68 countries - Revenue 2020 : 17 B€

Defence and security activities

- State protection
- City and Critical infrastructures protection
- Critical information systems and cybersecurity
- Connected collaborative combat
- Communications, command & control systems
- Mission services and support
- Protection and mission / combat systems
- Surveillance, detection and intelligence systems
- Big Data powered Intelligence, EW and Cyberdefense
- Smart sensors



All milieus : land, air, sea, space and cyberspace
From equipment to System of Systems

You can meet Thales every day – without noticing it !



Thales Research and Development : key facts

**33 500
people**

**3 000
in R&T**

3,5 B€

**+20 000 patents
portfolio**

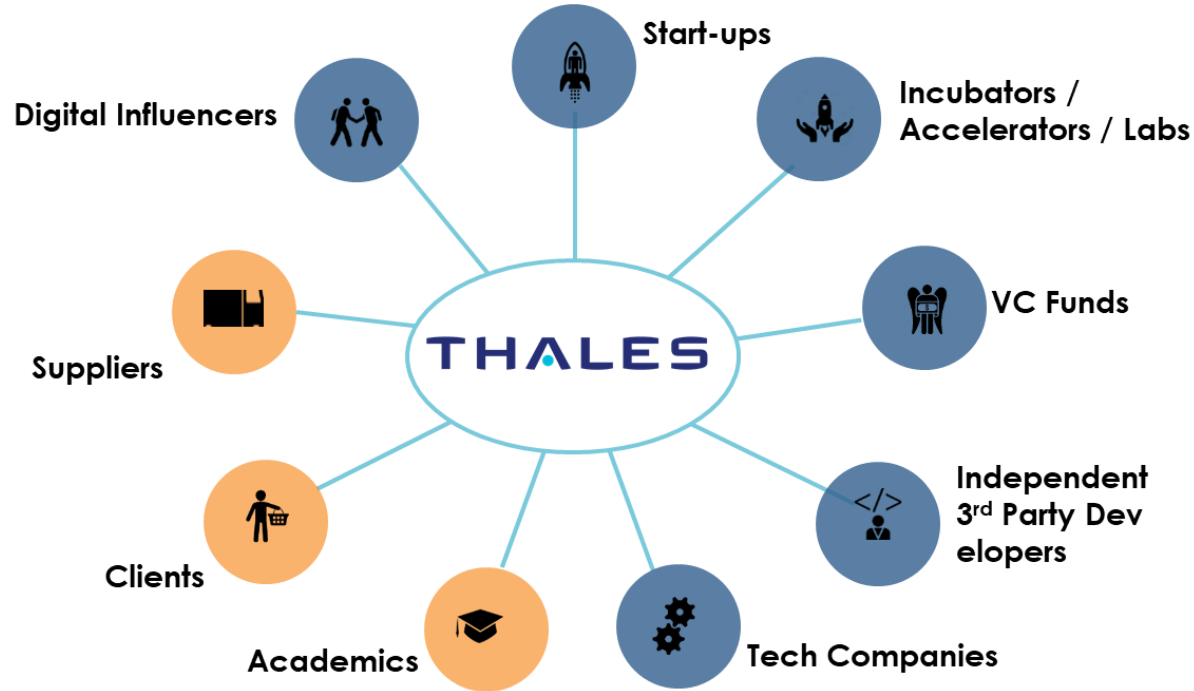
**600+
experts**

■ **Wide range of technical domains covered, from physics to systems**

■ **Supporting the 5 vertical markets of the group**

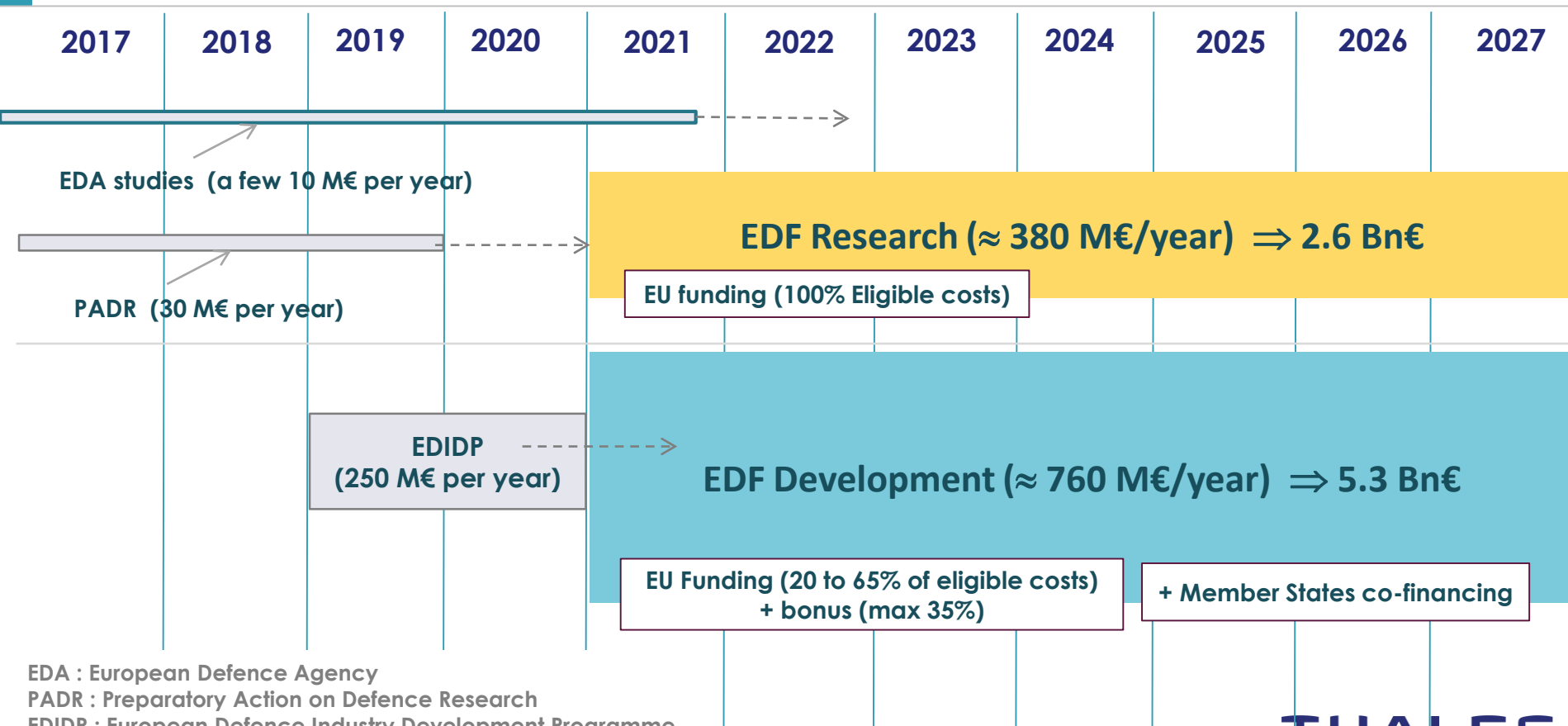
- Defence
- Security
- Avionics
- Space
- Transports

Thales Approach to Open innovation



EDF offers the opportunity to further extend our network

European Defence Fund: 7.9 Bn€ over 7 years



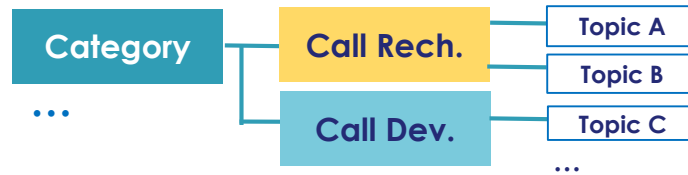
EDA : European Defence Agency
PADR : Preparatory Action on Defence Research
EDIDP : European Defence Industry Development Programme
EDF : European Defence Fund

European Defence Fund: how does it work?

17 unchanging categories

1. Defence medical response, CBRN, biotech and human factors
2. Information superiority
3. Advanced passive and active sensors
4. Cyber
5. Space
6. Digital transformation
7. Energy resilience and environmental transition
8. Materials and components
9. Air combat
10. Air and missile defence
11. Ground combat
12. Force protection and mobility
13. Naval combat
14. Underwater warfare
15. Simulation and training
16. Disruptive technologies
17. Open calls for innovative and future-oriented defence solutions

Each year, in each category, 0, 1 or 2 calls with dedicated budget and topics



Example 2021

15 categories funded

→ 23 calls

→ 37 topics

310 M€ R

620 M€ D

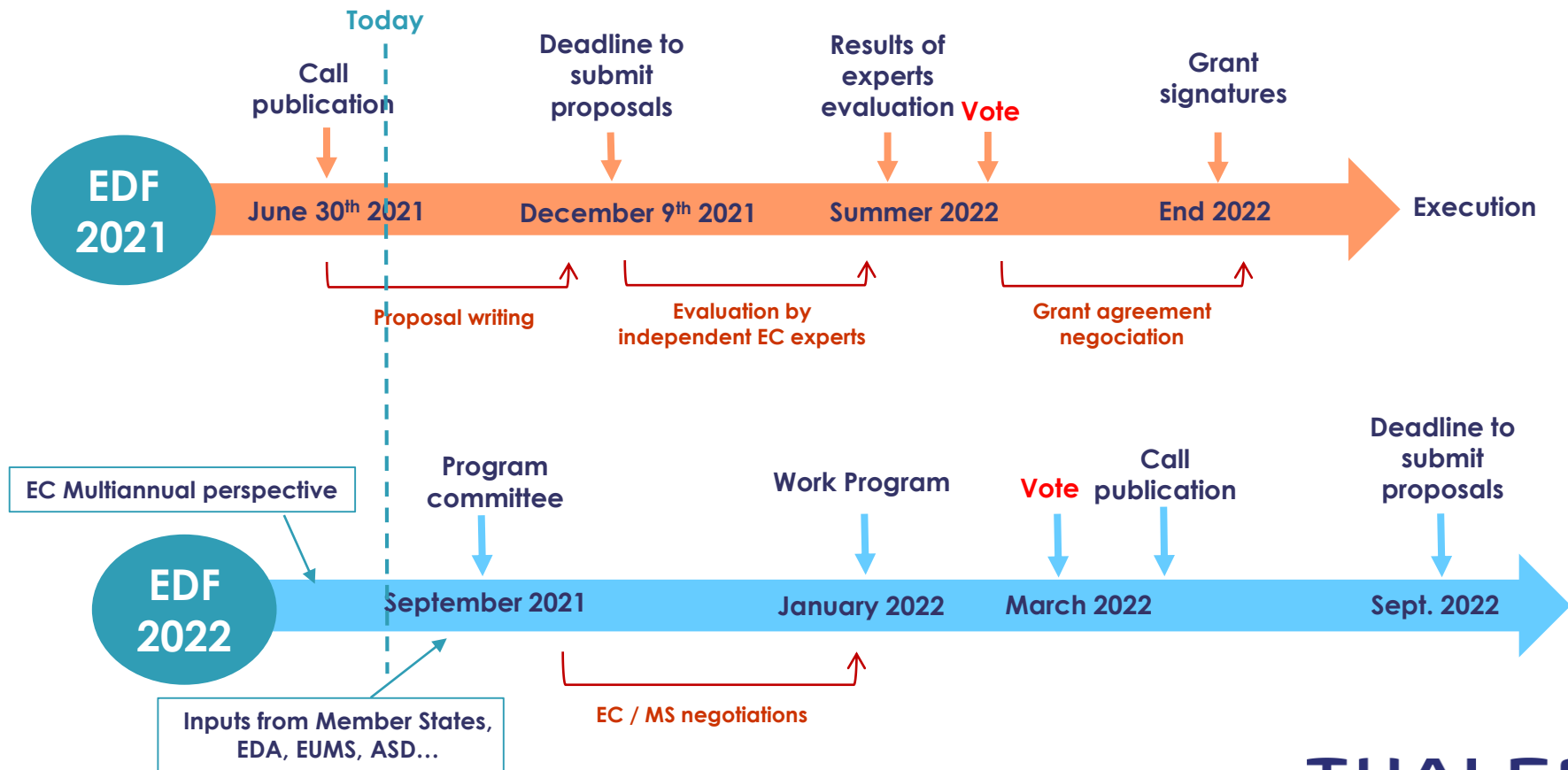
+290 M€ D



Work Programs are voted every year

Transferred from 2022 budget

Tentative timeline



Why we believe it is important to participate to EDF

■ EDF \approx 1,15 B€ / year of RT&D funding for European actors

- It is an important contribution to boost and strengthen the European defence industry

■ EDF will reshape the European Defence Industrial and Technology Base

- Existing leaderships will be challenged, even at national levels. No position is acquired in advance!
- It is important to be involved

■ Leverage Thales technological footprint and presence - in defence - in many European countries

- Thales present in France but also other EU countries
- Austria, Belgium, Denmark, Germany, Greece, Italy, Netherlands, Portugal and Spain

Thales approach : anticipate, cooperate, deliver

1

Answer to EDF 2021 Calls in Dec. 2021

- Finalize consortia, build and submit the offers

2

Prepare strategic projects for 2022 and beyond

- Share long term view with MoDs and be force of proposal
- Look for industrial partners in Member States willing to participate

3

Involve all Thales Countries/subsidiaries in EDF

- Transverse coordination & information sharing

4

Know our partners strategy and build long term partnerships

- Co-construct future EDF projects with trusted partners in Member States

5

Build inclusive consortia and submit added value offers

- Set-up consortia involving large companies, Mid-Caps, SMEs, RTOs and academia from supportive Member States
- Devote workshare to the partners who are the best placed in this domain
- Submit offers addressing in the best way the calls requirements

THALES

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Hvala za pozornost