

Appel EDIDP (European Defence Industrial Development Programme)

Généralités de l'appel

Ouverture : janvier 2019 (date précise tbd)

Clôture : mars 2019 (date précise tbd)

Budget : 500 M€ (49% en 2019 et 51% en 2020)

Concerne le développement de produit nouveau ou amélioration de produit existant pour l'industrie de Défense.

Activités financées : études, conception, essais en environnement industriel ou représentatif, prototypage, qualification, certification, développement d'activités accroissant l'efficacité du produit tout au long du cycle de vie

Financement des projets :

- financement UE + système de bonification
- Prototypes = financement à 20% des coûts éligibles (+35% maximum de bonus)
- Pour le reste des actions, financement = 100% des coûts éligibles (base de 65% + 35% de bonus)
- Coûts éligibles = idem H2020 (overheads = 25% des coûts éligibles, hors sous-traitance)

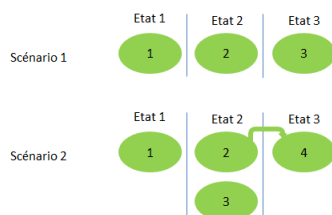
Système d'attribution de bonus :

- Au titre de la « **Coopération Structurée Permanente** » : bonus = 10%
- Au titre de la **participation de PME** :
 - Si au moins 10% des coûts de l'action sont alloués à des PME, le taux de financement est augmenté de la manière suivante :
 - Bonus équivalent au % du coût total éligible alloué aux PME établies dans les Etats où se trouvent les membres non PME du consortium (plafonné à 5%)
 - Bonus équivalent à 2X % du coût total éligible alloué aux PME établies dans les Etats où ne se trouvent pas les membres non PME du consortium.
- Au titre de la **participation d'ETI** (< 3000 salariés) :
 - Si l'action contient au moins 15% d'ETI, bonus = 10%.

Dans le cas d'une action dédiée aux PME les bonus ne s'appliquent pas. Le taux de financement initial est donc de 90% (+10% de marge pour le bonus CSP).

Conditions de participation :

- **3** entreprises éligibles établies dans au moins **3** Etats membres différents. Les entreprises ne doivent pas être contrôlées par la même entité ou se contrôler entre elle.
- Possibilité d'avoir **3** entreprises indépendantes établies dans **2** Etats membres + une 4e entreprise dans un 3e Etat membre pouvant être contrôlée par l'une des trois premières ou par la même entité.



- Obligation pour les entreprises d'avoir une structure de gestion exécutive établie sur le territoire de l'UE (souplesse autorisée pour l'accès aux moyens industriels ou à la sous-traitance hors UE moyennant certaines conditions mais frais non éligibles)

- Obligation de fournir dans le projet des justifications d'intentions ou d'engagements de la part de **2 Etats minimum** (intention de se procurer la techno/d'avoir des spécifications communes/de financer les coûts projet non couverts par la subvention EU)

Critères de sélection des projets : excellence, innovation, compétitivité, contribution à l'autonomie stratégique de l'UE, part de PME participant à l'action et engagement des Etats à utiliser le produit ou la technologie finale, à en détenir la propriété ou à en assurer la maintenance conjointement.

Publication de l'appel sur le Research Participant Portal (comme pour H2020)

Adresse mail générique mise en place par la DGA pour toutes demandes d'info : dga-di.projetsindustriels-edidp.fct@intra.def.gouv.fr

Obligation de présenter au préalable toute idée de projet à la DGA (y compris pour les entités FR invitées à participer à un consortium de projet étranger)

Synthèse du Work Programme 2019-2020

- 10 topics ouverts en 2019
- 11 topics ouverts en 2020
- Technos concernées : sensors, unmanned ground systems, RPAS integration in ATM, communications, cybersecurity, space surveillance, positioning and navigation, air combat capabilities, simulation and virtualization tools, IA technologies.
- Un appel dédié aux PME ouvert en 2019 et 2020 pour études de faisabilité sur tous les produits/technos innovantes dédiés à la Défense (y compris produits/technos de rupture).

Détail du Work Programme 2019-2020

1. Preparation, protection, deployment and sustainability

- *Chemical Biological Radiological Nuclear (CBRN) detection capabilities (call for proposals – 2019)*
CBRN detection
Targeted type of action(s): system prototyping, not excluding upstream or downstream activities
Budget topic = 5M€
- a. *Chemical Biological Radiological Nuclear (CBRN) countermeasures (call for proposals – 2020)*
CBRN countermeasures, particularly with regard to anthrax, ricine, and radio-induced, chemo-induced and thermal burns.
Targeted type of action(s): system prototyping, not excluding upstream or downstream activities.
Budget topic = 10M€
- b. *Multipurpose unmanned ground system (call for proposals – 2019)*
Multipurpose architecture for unmanned ground systems and solutions for systems integration (system of unmanned systems) and manned-unmanned teaming, cyber secure C2, logistical delivery systems and systems which reduce manning needs.
Targeted type of action(s): system prototyping, not excluding upstream or downstream activities.
Budget topic = 34 M€
- c. *Underwater control contributing to resilience at sea (call for proposals – 2020)*
Solutions, including both manned and unmanned systems, to counter and protect against sub-surface threats.
Targeted type of action(s): design and/or system prototyping, not excluding upstream or downstream activities
Budget topic = 25M€
- d. *Counter-UAS capabilities (call for proposals – 2020)*
Detection, tracking and identification of threatening drones, and countermeasures to engage them, including possible integration with existing Air Defense systems, Counter-rockets artillery and mortars (CRAM).
Targeted type of action(s): study, design and/or system prototyping, not excluding downstream activities.
Budget topic = 15M€

2. Information management and superiority, C4ISR, cyber defence and cyber security

- a. *Developing an appropriate spectrum of ISR air platforms and sensors (call for proposals – 2019/2020)*
Development of versatile and robust MALE and tactical RPAS as well as sensors, and RPAS integration into air-traffic management.
Targeted type of action(s): design, not excluding upstream or downstream activities
Budget topic = 150M€
- b. *Combat communication and information sharing capability (call for proposals – 2019 or 2020?)*
High-speed and safe data exchange/communication capabilities.
Targeted type of action(s): study and/or design, not excluding downstream activities
Budget topic = 18M€

- c. *Cyber situational awareness and defence capabilities (call for proposals – 2020)*
Cyber situational awareness and cyber response measures, including deployable capabilities.
Targeted type of action(s): design and/or system prototyping, not excluding upstream or downstream activities.
Budget topic = 20M€
- d. *Space situational awareness and early warning capabilities (call for proposals – 2020)*
Space-based early warning and military space situational awareness and surveillance, including GEO surveillance and identification services, and networking through standardized and secure data exchange.
Targeted type of action(s): design and/or system prototyping, not excluding upstream or downstream activities.
Budget topic = 25M€
- e. *Positioning, navigation and tracking (PNT) and satellite communication capabilities (call for proposals – 2019)*
European standardized Galileo PRS navigation receiver capabilities for military purposes in air, land and naval domain developed in full conformity with the EU Common minimum standards (CMS), and satellite communication.
Targeted type of action(s): study, design and/or system prototyping, not excluding downstream activities.
Budget topic = 35M€
- f. *Maritime surveillance capabilities (call for proposals – 2019)*
Recognized Maritime Picture, Surveillance Awareness, including enduring High Altitude Platform Stations (and support to their integration into air-traffic management), Maritime Patrol Aircraft, Maritime Signal Intelligence, Long-range coastal Radar network, Tactical Radar Maritime Surveillance generated by UAV, Maritime C2 capability based on Automatic Data link systems and data fusion systems and maritime information sharing capabilities (data models, exchange standards, data analysis applications, legal frameworks and cyber security need to be further developed in order to enable data sharing).
Targeted type of action(s): study, design and/or system prototyping, not excluding upstream or downstream activities.
Budget topic = 40M€
- g. *Strategic Command and Control (C2) system (call for proposals – 2019)*
Strategic C2 and CIS capabilities and equipment needed for establishing a strategic C2 system.
Targeted type of action(s): study and/or design, not excluding downstream activities.
Budget topic = 20M€

3. Engagement and effectors

- a. *Upgrade of current and development of next generation ground-based precision strike capabilities (call for proposals – 2019 or 2020?)*
the development of ground based precision strike capabilities, the development of indirect fire support capabilities, the development of accurate and versatile high-end ammunition, and the further development of anti-tank weapons.
Targeted type of action(s): study, design, prototyping and testing, not excluding downstream activities.
Budget topic = 15M€
- b. *Ground combat capabilities (call for proposals – 2020)*
Development of next generation and upgrade of current armoured platforms.
Targeted type of action(s): study, not excluding upstream or downstream activities.
Budget topic = 7M€
- c. *Air combat capabilities (call for proposals – 2019)*

Development of suppression of enemy air defence capability, including directed energy weapons, deep strikes capabilities, upgrade or development of next generation attack helicopters, including self-protection systems (DIRCM) for fixed and rotary wing aircraft and high-end air-to-air effectors.

Targeted type of action(s): study and/or design, not excluding downstream activities.

Budget topic = 46M€

d. *Future naval systems and technologies (call for proposals – 2020)*

Naval platform design for systems with lower detectability, higher survivability, and with the capability to operate in extreme climates.

Targeted type of action(s): study, not excluding downstream activities.

Budget topic = 5M€

4. **Cross-domain capabilities**

a. *Simulation and virtualisation tools and equipment for training, exercises, systems design, development and integration, testing and validation (call for proposals – 2020)*

Modelling, simulation and virtualization tools and equipment for training, exercises, systems design, development and integration, as well as testing and validation.

Targeted type of action(s): design and/or system prototyping, not excluding upstream or downstream activities.

Budget topic = 5M€

b. *Defence technologies supported by Artificial Intelligence (call for proposals – 2020)*

Defence capabilities supported by Artificial Intelligence.

Targeted type of action(s): design and/or system prototyping, not excluding upstream or downstream activities.

Budget topic = 5M€

c. *Sub-category for SMEs – Innovative and future-oriented defence solutions (calls for proposals – 2019 and 2020)*

Innovative defence products and technologies, including those that can create a disruptive effect, for example in terms of operations, equipment, basing, energy solutions. Actions that prepare the ground for highly innovative solutions, such as feasibility or scoping studies.

Budget topic = 16M€ (6M€ en 2019 et 10M€ en 2020)