

# HORIZON 2020

## Appels à projets 2017

### INFORMATIONS UTILES CONCERNANT LES APPELS ICT-25-27-28-2017

#### Robotique

Appel	Date limite de dépôt	Type d'action	Budget disponible (en M€)
<b>ICT-25-2017: Advanced robot capabilities research and take-up</b> <a href="http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/5081-ict-25-2016-2017.html">http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/5081-ict-25-2016-2017.html</a>	8 décembre 2016	RIA <sup>1</sup> IA	15 19
<b>ICT-27-2017: System abilities, SME &amp; benchmarking actions, safety certification</b> <a href="http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/5075-ict-27-2017.html">http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/5075-ict-27-2017.html</a>	25 avril 2017	RIA (CF <sup>2</sup> ) IA <sup>3</sup> PCP	28 11 7
<b>ICT-28-2017: Robotics Competition, coordination and support</b> <a href="http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/5072-ict-28-2017.html">http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/5072-ict-28-2017.html</a>	25 avril 2017	CSA	5

### Feuille de route stratégique de recherche du PPP

PPP : SPARC

Feuille de route : [https://eu-robotics.net/cms/upload/PPP/SRA2020\\_SPARC.pdf](https://eu-robotics.net/cms/upload/PPP/SRA2020_SPARC.pdf)

<sup>1</sup> *Research and Innovation Actions*. Pour obtenir davantage d'information sur les types d'action, se référer à : <http://www.horizon2020.gouv.fr/cid78511/guides-accompagnement-horizon-2020.html>

<sup>2</sup> *Cascade funding*

<sup>3</sup> *Innovation Actions*

## Appels précédents

### ICT 23 – 2014 : Robotics

#### Grands participants – Projets financés et coordinateurs

Type d'actions	Acronyme du projet	Nom du projet	Coordinateur	Nationalité	Partenaire(s) français
RIA	<a href="#">AEROARMS</a>	AERial Robotic system integrating multiple ARMS and advanced manipulation capabilities for inspection and maintenance	UNIVERSIDAD DE SEVILLA	ES	CNRS
RIA	<a href="#">AEROWORKS</a>	Collaborative Aerial Robotic Workers	LULEA TEKNISKA UNIVERSITET	SE	
<b>RIA</b>	<b><a href="#">COMANOID</a></b>	<b>Multi-contact Collaborative Humanoids in Aircraft Manufacturing</b>	<b>CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE</b>	<b>FR</b>	<b>CNRS, INRIA, EADS France SAS</b>
RIA	<a href="#">Centauro</a>	Robust Mobility and Dexterous Manipulation in Disaster Response by Fullbody Telepresence in a Centaur-like Robot	RHEINISCHE FRIEDRICH-WILHELMS-UNIVERSITAT BONN	DE	
RIA	<a href="#">CoglMon</a>	Cognitive Interaction in Motion	UNIVERSITAET BIELEFELD	DE	
IA	<a href="#">EurEyeCase</a>	Use Case for European Robotics in Ophthalmologic Micro-Surgery	KATHOLIEKE UNIVERSITEIT LEUVEN	BE	
IA	<a href="#">FLOBOT</a>	Floor Washing Robot for Professional Users	CY.R.I.C CYPRUS RESEARCH AND INNOVATION CENTER LTD	CY	ROBOSOFT, GSF SA
RIA	<a href="#">Flourish</a>	Aerial Data Collection and Analysis, and Automated Ground Intervention for Precision Farming	EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZURICH	CH	CNRS
IA	<a href="#">RETRAINER</a>	REaching and grasping Training based on Robotic hybrid Assistance for Neurological patients: End users Real life evaluation	AB.ACUS SRL	IT	
RIA	RoMaNS	Robotic Manipulation for Nuclear Sort and Segregation	THE UNIVERSITY OF BIRMINGHAM	UK	CNRS et CEA
RIA	<a href="#">RobDREAM</a>	Optimising Robot Performance while Dreaming	KUKA Laboratories GmbH	DE	
RIA	<a href="#">SARAFun</a>	Smart Assembly Robot with Advanced FUNctionalities	ABB AB	SE	
IA	<a href="#">SWEEPER</a>	Sweet Pepper Harvesting Robot	STICHTING DIENST LANDBOUWKUNDIG ONDERZOEK	NL	
RIA	<a href="#">SecondHands</a>	SecondHands: A Robot Assistant For Industrial Maintenance Tasks	Ocado Ltd	UK	
RIA	<a href="#">SmokeBot</a>	Mobile Robots with Novel Environmental Sensors for Inspection of Disaster Sites with Low Visibility	OREBRO UNIVERSITY	SE	
RIA	<a href="#">SoMa</a>	Soft-bodied intelligence for Manipulation	TECHNISCHE UNIVERSITAT BERLIN	DE	
RIA	WiMUST	Widely scalable Mobile Underwater Sonar Technology	UNIVERSITA DEGLI STUDI DI GENOVA	IT	CGG Veritas services SA

## Résumé des 17 premiers projets robotiques sélectionnés :

<https://ec.europa.eu/digital-single-market/news/first-robotics-projects-h2020-starting>

ICT 24 – 2015 : Robotics

### Grands participants – Projets financés et coordinateurs

Coordinateur	Pays	Type d'action	Acronyme du projet	Nom du projet	Partenaire(s) français
FONDAZIONE ISTITUTO ITALIANO DI TECNOLOGIA	IT	RIA	<a href="#">SoftPro</a>	Synergy-based Open-source Foundations and Technologies for Prosthetics and Rehabilitation	
FONDAZIONE ISTITUTO ITALIANO DI TECNOLOGIA	IT	RIA	XoSoft	Soft modular biomimetic exoskeleton to assist people with mobility impairments	
UNIVERSITA DEGLI STUDI DI PARMA	IT	RIA	UP-Drive	Automated Urban Parking and Driving	
THE UNIVERSITY OF EDINBURGH	UK	RIA	TrimBot2020	A gardening robot for rose, hedge and topiary trimming	
UNIVERSITY OF GLASGOW	UK	RIA	MuMMER	MultiModal Mall Entertainment Robot	CNRS et Aldebaran robotics SAS
UNIVERSITEIT TWENTE	NL	RIA	MURAB	MRI and Ultrasound Robotic Assisted Biopsy	
INSTITUT JOZEF STEFAN	SI	RIA	SPEXOR	Spinal Exoskeletal Robot for Low Back Pain Prevention and Vocational Reintegration	
INSTITUTE OF COMMUNICATION AND COMPUTER SYSTEMS	EL	RIA	BabyRobot	Child-Robot Communication and Collaboration: Edutainment, Behavioural Modelling and Cognitive Development in Typically Developing and Autistic Spectrum Children	Université des sciences et technologies de Lille – LILLE 1
KARLSRUHER INSTITUT FUER TECHNOLOGIE	DE	RIA	SafeLog	Safe human-robot interaction in logistic applications for highly flexible warehouses	
IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY AND MEDICINE	UK	RIA	EDEN2020	Enhanced Delivery Ecosystem for Neurosurgery in 2020	
TEKNOLOGISK INSTITUT	DK	IA	TT-NET	TT-Net - A shared infrastructure to sustainably optimise technology transfer throughout Europe	
OTTO BOCK HEALTHCARE PRODUCTS GMBH	AT	IA	INPUT	Intuitive Natural Prosthesis Utilization	
RHEINISCH-WESTFAELISCHE TECHNISCHE HOCHSCHULE AACHEN	DE	IA	Bots2ReC	Robots to Re-Construction	Bouygues construction et Institut français de mécanique avancée
<b>AIRBUS DS SAS</b>	<b>FR</b>	<b>IA</b>	<b>AEROBI</b>	<b>Aerial Robotic System for In-Depth Bridge Inspection by Contact</b>	<b>AIRBUS DS SAS</b>
TEKNOLOGISK INSTITUT	DK	IA	RAMPup	Robotic Automation Modules for Production	
SCUOLA SUPERIORE DI STUDI UNIVERSITARI E DI PERFEZIONAMENTO SANT'ANNA	IT	IA	EndoVESPA	Endoscopic Versatile robotic guidance, diagnosis and therapy of magnetic-driven soft-tethered endoluminal robots	
<b>ECOLE NATIONALE SUPERIEURE D'ARTS ET METIERS</b>	<b>FR</b>	<b>IA</b>	<b>ColRobot</b>	<b>Collaborative Robotics for Assembly and Kitting in Smart Manufacturing</b>	<b>ENSAM, CITC-EURARFID, AKEO PLUS, Thalès Alenia Space France</b>
EUROBOTICS AISBL	BE	CSA	RockEU2	Robotics Coordination Action for Europe Two	

N.B. les résultats des appels 2016 ne seront connus que durant l'été 2016.

