



HORIZON
2020

Reliable Electronics for Tomorrow's Active Systems

Fact Sheet

Project information

ReACTIVE Too

Grant agreement ID: 871163

Status

Ongoing project

Start date

1 February 2020

End date

31 January 2024

Funded under:
H2020-EU.1.3.3.

Overall budget:
€ 791 200

EU contribution
€ 777 400

Coordinated by:
UNIVERSITY OF WOLVERHAMPTON
 **United Kingdom**

Objective

Reactive Too: Reliable Electronics for Tomorrow's Active Systems is a research-focused project that brings together a unique team of academic and industrial members. This team will form a tight confederation to tackle challenging aspects of reliability and future developments in electronic systems. European organisations from Finland, France, Poland and the UK are involved.

Each partner country will supply both industrial and academic units.

ReACTIVE Too will do research into design for reliability for electronics-based systems. This includes the introduction of an agile hardware development cycle with virtual techniques to uniquely address reliability and physical validation in active safety systems.

Exemplar systems from partner companies in Automotive and Healthcare will be used to validate the ideas.

Finnish partners who have a track record in wearable electronics will bring their research in smart textiles to the team. Innovation in terms of design and integration of these smart textiles into the challenging environments of automotive and care homes will enhance driver information and ambient assisted living.

The project team is very privileged to have French partners doing world-leading research and production of

unique devices in energy harvesting. Further innovation in ReACTIVE Too will bring novel flexible energy harvesters for integration into many sensors.

Industrially leading work is planned to be led by Polish partners to investigate the possibilities of applying AI, deep learning and prognostics to future electronics systems. These innovations should allow a unique assessment of long term reliability and shorten development cycle times, saving energy and money.

The team will be developed through a series of workshops and secondments. Future plans will be developed during these interactions to target new research and innovation topics and more intense interactions by making future joint funding proposals.

Programme(s)

[H2020-EU.1.3.3. - Stimulating innovation by means of cross-fertilisation of knowledge](#)

Topic(s)

[MSCA-RISE-2019 - Research and Innovation Staff Exchange](#)

Call for proposal

H2020-MSCA-RISE-2019

[See other projects for this call](#)

Funding Scheme


MSCA-RISE - Marie Skłodowska-Curie Research and Innovation Staff Exchange (RISE)

Coordinator



UNIVERSITY OF WOLVERHAMPTON

Address

**Wulfruna Street
Wv1 1ly Wolverhampton
 United Kingdom**

Activity type

**Higher or Secondary
Education Establishments**

EU Contribution

€ 179 400

[Website](#)

[Contact the organisation](#)

Participants (10)

**LIVERPOOL JOHN MOORES UNIVERSITY****🇬🇧 United Kingdom**

EU Contribution

€ 170 200

Address

**Rodney Street 2 Egerton
Court
L3 5ux Liverpool**

Activity type

**Higher or Secondary
Education Establishments**[🔗 Website](#)[🔗 Contact the organisation](#)**COMMUNAUTE D' UNIVERSITES ET ETABLISSEMENTS
UNIVERSITE BOURGOGNE - FRANCHE - COMTE****🇫🇷 France**

EU Contribution

€ 138 000

Address

**32 Avenue De L'Observatoire
25000 Besancon**

Activity type

**Higher or Secondary
Education Establishments**[🔗 Contact the organisation](#)**POLITECHNIKA SLASKA****🇵🇱 Poland**

EU Contribution

€ 133 400

Address

**Ul. Akademicka 2a
44-100 Gliwice**

Activity type

**Higher or Secondary
Education Establishments**[🔗 Website](#)[🔗 Contact the organisation](#)**SENSOR CITY LIVERPOOL LIMITED****🇬🇧 United Kingdom**

EU Contribution

€ 13 800

Address

**Exchange Station Tithebarn
Street
L2 2qp Liverpool**

Activity type

Other[🔗 Contact the organisation](#)

**APTIV SERVICES POLAND SPOLKA AKCYJNA****— Poland**

EU Contribution

€ 87 400

Address

**Podgorki Tynieckie Nr 2
30 399 Krakow**

Activity type

**Private for-profit entities
(excluding Higher or
Secondary Education
Establishments)**[↗ Contact the organisation](#)**TAMPEREEN KORKEAKOULUSAATIO SR****+ Finland**

EU Contribution

€ 13 800

Address

**Kalevantie 4
33100 Tampere**

Activity type

**Higher or Secondary
Education Establishments**[↗ Contact the organisation](#)**SATAKUNNAN AMMATTIKORKEAKOULU OY****+ Finland**

EU Contribution

€ 36 800

Address

**Satakunnankatu 23
28130 Pori**

Activity type

**Higher or Secondary
Education Establishments**[↗ Website](#)[↗ Contact the organisation](#)**JUNET OY****+ Finland**

EU Contribution

€ 4 600

Address

**Veistokouluntie 2
66300 Jurva**

Activity type

**Private for-profit entities
(excluding Higher or
Secondary Education
Establishments)**[↗ Contact the organisation](#)



CEDRAT TECHNOLOGIES SA

France

Address

Chemin Du Vieux Chene 59
38240 Meylan

Activity type

Private for-profit entities
(excluding Higher or
Secondary Education
Establishments)

[Website](#)

[Contact the organisation](#)



ANNEALSYS SAS

France

Address

139 Rue Des Walkyries
34000 Montpellier

Activity type

Private for-profit entities
(excluding Higher or
Secondary Education
Establishments)

[Website](#)

[Contact the organisation](#)

Partners ⁽¹⁾



Jiangsu Happy Time Senior Service Co., Ltd

China

Address

25 Jingchuan Rd, Zhonglou
District
213000 Changzhou

Activity type

Private for-profit entities
(excluding Higher or
Secondary Education
Establishments)

[Contact the organisation](#)

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