The focus of TRIANGLE is the development of a framework that facilitates the evaluation of the QoE of new mobile applications, services and devices designed to operate in the future 5G mobile broadband networks. The framework will exploit existing FIRE facilities adding new facilities when necessary. The project will identify reference deployment scenarios, will define new KPIs (Key Performance Indicators) and QoE metrics, will develop new testing methodologies and tools, and will design a complete evaluation scheme. The project will focus on the development of a framework to ensure user QoE in the new challenging situations, especially those due to heterogeneous networks and considering the role software will have in the new 5G ecosystem.

The framework as value added will also provide the means to allow certification and quality mark for the applications, services and devices compliant to the requirements and test specifications developed in the project but also extensible to other FIRE test solutions. This will allow vendor differentiation, specially startups and SMEs, in the
This will allow vendor differentiation, especially startups and SMEs, in the current globalized and competitive markets and further visibility of FIRE facilities. The framework, methods and tools developed during the project will focus on providing the mechanisms to incorporate new wireless technologies and topologies envisaged in 5G and contribute to the new ecosystem.

Field of science

/social sciences/economics and business/business and management/commerce
/natural sciences/computer and information sciences/software
/natural sciences/mathematics/pure mathematics/topology
/social sciences/sociology/governance/public services
/engineering and technology/electrical engineering, electronic engineering, information engineering/information engineering/telecommunications/wireless/5g

Programme(s)

Topic(s)

Call for proposal

H2020-ICT-2015

Funding Scheme

IA - Innovation action

Coordinator

KEYSIGHT TECHNOLOGIES BELGIUM

Address

Wingepark 51
3110 Rotselaar
Belgium

Activity type

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

EU contribution

€ 87 500

Contact the organisation

Participants (6)

KEYSIGHT TECHNOLOGIES DENMARK APS
<table>
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<th>Country</th>
<th>EU contribution</th>
<th>Address</th>
<th>Activity type</th>
</tr>
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<tbody>
<tr>
<td>Denmark</td>
<td>€ 564,375</td>
<td>Alfred Nobels Vej 27 3 B1 9220 Aalborg Ost</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
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<tr>
<td>Universidad de Malaga</td>
<td>€ 586,093,75</td>
<td>Avda Cervantes, Num. 2 29016 Malaga</td>
<td>Higher or Secondary Education Establishments</td>
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<tr>
<td>Redzinc Services Limited</td>
<td>€ 263,690</td>
<td>Taylor’s Lane 8 Dublin</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
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<tr>
<td>University College London</td>
<td>€ 828,250</td>
<td>Gower Street WC1E 6BT London</td>
<td>Higher or Secondary Education Establishments</td>
</tr>
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DEKRA TESTING AND CERTIFICATION SAU
Spain
EU contribution
€ 388 500
Address
Calle Severo Ochoa 2 Parque Tecnologico Campanillas
29590 Malaga
Activity type
Private for-profit entities
(excluding Higher or Secondary Education Establishments)

QUAMOTION
Belgium
EU contribution
€ 185 281,25
Address
Koolmijngraversstraat 1 Bus 8
1080 Sint-jans-molenbeek
Activity type
Private for-profit entities
(excluding Higher or Secondary Education Establishments)

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