



DIGITAL SINGLE MARKET

Digital Economy & Society

2016 Innovation Radar Prize winners

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The European Commission has put the spotlight on Europe's most promising digital innovations emerging from EU funded research and innovation projects. Intrinsic-ID from the Netherlands won the 2016 Innovation Radar Prize for its authentication technology. Three other EU-funded innovators secured prizes at the awards ceremony.

The 2016 [Innovation Radar Prize](https://ec.europa.eu/digital-single-market/en/innovators/) (<https://ec.europa.eu/digital-single-market/en/innovators/>) has been awarded to [Intrinsic-ID](https://ec.europa.eu/digital-single-market/en/innovators/intrinsic-id-innovation-radar) (<https://ec.europa.eu/digital-single-market/en/innovators/intrinsic-id-innovation-radar>), a spin-off from [Philips](http://www.philips.com/global) (<http://www.philips.com/global>) which has developed a unique technology and has become a world leader in security systems. The winner was announced at the European Commission's [ICT Proposers Day in Bratislava](https://ec.europa.eu/digital-single-market/en/ict-proposers-day-2016) (<https://ec.europa.eu/digital-single-market/en/ict-proposers-day-2016>), Slovakia on 26 September. Intrinsic-ID developed within the EU-funded project [PUFFIN](http://puffin.eu.org/) (<http://puffin.eu.org/>) an authentication technology based on the electronic fingerprint of devices. Uncontrollable variations in the manufacturing process make each silicon chip unique, resulting in a pattern like a human fingerprint. It is impossible to make an exact clone of a chip. Intrinsic-ID has used this feature (Physical Unclonable Function) to create an innovative authentication technology. Secret keys and identifiers are extracted from chips to provide secure protection in markets such as mobile phones and the internet of things but also in government and defence applications. [Intrinsic-ID](https://ec.europa.eu/digital-single-market/en/news/forgot-your-password-sme-intrinsic-id-proposes-device-fingerprint-authenticate-your-access) (<https://ec.europa.eu/digital-single-market/en/news/forgot-your-password-sme-intrinsic-id-proposes-device-fingerprint-authenticate-your-access>) was named overall Innovation Radar winner, and also won in the Innovation Radar prize for the [Excellent Science](https://ec.europa.eu/digital-single-market/en/innovators#Exc) (<https://ec.europa.eu/digital-single-market/en/innovators#Exc>) category.

Commissioner Günther H Oettinger, responsible for the Digital Economy and Society, said: *"Newly developed technology coming out of the lab needs to go straight into the market. The winners of the Innovation Radar competition show that this is possible, with innovations that benefit both our economy and society, creating a new generation of industrial leaders. It also proves that our focus on supporting innovation in Horizon 2020 is the right approach to strengthen Europe's competitiveness."*

At the award ceremony, winners were also announced in the following categories :

The winner of [ICT for Society](https://ec.europa.eu/digital-single-market/en/innovators#ICT) (<https://ec.europa.eu/digital-single-market/en/innovators#ICT>) category is [MARLO AS](https://ec.europa.eu/digital-single-market/en/innovators/marlo-innovation-radar) (<https://ec.europa.eu/digital-single-market/en/innovators/marlo-innovation-radar>), a Portuguese consulting and IT development company specialised in the area of transport and logistics, partner in the EU-funded [iCargo project](http://i-cargo.eu/) (<http://i-cargo.eu/>). Their innovation, [MixMoveMatch.com](https://www.mixmovematch.com/) (<https://www.mixmovematch.com/>) is a ground-breaking 'Software as a Service' collaboration platform, that can achieve transport cost reductions of up to 35% and carbon footprint reductions of up to 50%.

The winner of [Industrial & Enabling technologies](https://ec.europa.eu/digital-single-market/en/innovators#Ind) (<https://ec.europa.eu/digital-single-market/en/innovators#Ind>) category is [University of Le Mans](https://ec.europa.eu/digital-single-market/en/innovators/university-le-mans-innovation-radar) (<https://ec.europa.eu/digital-single-market/en/innovators/university-le-mans-innovation-radar>), France. Under the EU-funded [EUMSSI](http://www.eumssi.eu/) (<http://www.eumssi.eu/>) project, the University developed a software technology for speech and speaker recognition that reduces by a factor of 25 the computation time required to process huge amount of audio and video content, while maintaining the quality of the output.

The winner of [Horizon 2020 ICT Innovator](https://ec.europa.eu/digital-single-market/en/innovators#Hor) (<https://ec.europa.eu/digital-single-market/en/innovators#Hor>) category is [Realeyes](https://ec.europa.eu/digital-single-market/en/innovators/realeyes-innovation-radar) (<https://ec.europa.eu/digital-single-market/en/innovators/realeyes-innovation-radar>), an Estonian research-oriented SME measuring people's emotional response to video content using webcams. Within the H2020 [SEWA](http://www.sewaproject.eu/) (<http://www.sewaproject.eu/>) project they developed an Ad Recommendation Engine, a machine learning based tools that helps market researchers analyse the impact of their advertising and make it more relevant.

About the Innovation Radar Prize

Using the [Innovation Radar](https://ec.europa.eu/digital-single-market/en/innovation-radar) (<https://ec.europa.eu/digital-single-market/en/innovation-radar>), a EC initiative to identify high potential innovations and innovators in EU-funded research and innovation ICT projects, [40 innovators](https://ec.europa.eu/digital-single-market/en/innovators/) (<https://ec.europa.eu/digital-single-market/en/innovators/>), coming from every corner of Europe, from SMEs, university teams, spinoffs and start-ups have been identified.

The 40 nominees [competed](https://ec.europa.eu/digital-single-market/en/news/vote-innovation-radar-prize-2016-shine-light-europes-world-class-innovators) (<https://ec.europa.eu/digital-single-market/en/news/vote-innovation-radar-prize-2016-shine-light-europes-world-class-innovators>) during the entire month of August, for a place in the Innovation Radar Finale. The public had a chance to vote on the [Digital Single Market](https://ec.europa.eu/digital-single-market/en) (<https://ec.europa.eu/digital-single-market/en>) website for the innovator that impressed them the most.

[28 000 votes shortlisted 16 innovators](https://ec.europa.eu/digital-single-market/en/blog/28-000-votes-send-16-innovators-innovation-radar-finale) (<https://ec.europa.eu/digital-single-market/en/blog/28-000-votes-send-16-innovators-innovation-radar-finale>) from around Europe. Their innovations cover a wide range of markets from video production to data management to transport logistics to augmented reality.

The finale took place in Bratislava, where a [panel of 4 judges](https://ec.europa.eu/digital-single-market/en/news/innovation-radar-prize-2016-jury) (<https://ec.europa.eu/digital-single-market/en/news/innovation-radar-prize-2016-jury>) decided the winners on the basis of a 3 minute pitch delivered during a special pitching session at [ICT Proposers Day](https://ec.europa.eu/digital-single-market/en/ict-proposers-day-2016) (<https://ec.europa.eu/digital-single-market/en/ict-proposers-day-2016>).

[Invest Horizon](http://investhorizon.eu/) (<http://investhorizon.eu/>), an EU-funded action to help entrepreneurs maximize their chances of securing funding from investors, provided 1-on-1 coaching to the pitchers to help them fine-tune their pitch.

The first edition of the Innovation Radar [was awarded to BroadBit](https://ec.europa.eu/digital-single-market/en/news/ict-2015-and-winners-are) (<https://ec.europa.eu/digital-single-market/en/news/ict-2015-and-winners-are>), during ICT 2015 in Lisbon. Since then, BroadBit, who has been featured in a [special edition of Euronews](http://www.euronews.com/2015/11/13/salt-filled-batteries-to-give-engines-new-lease-of-life) (<http://www.euronews.com/2015/11/13/salt-filled-batteries-to-give-engines-new-lease-of-life>), have closed multiple angel investment rounds to finance expansion and production of their innovative battery technology.

Innovators across Europe, not just those competing for the Innovation Radar Prize, can seek out support from various EU initiatives that aim to help innovators get their innovations into the market. [Discover existing services and initiatives offering supports](file:///\\ec.europa.eu\digital-single-market\en\go-to-market-support) (<file:///\\ec.europa.eu\digital-single-market\en\go-to-market-support>) such as: investor readiness training, mentoring, business plan development, legal advice and expanding to new markets."

More on Innovation Radar

European Commission's [Innovation Radar](https://ec.europa.eu/digital-single-market/en/innovation-radar) (<https://ec.europa.eu/digital-single-market/en/innovation-radar>), is a data-driven engine that aims to identify high potential innovations and the key innovators behind them in projects that have received investment from the EU's 2007-2013 Research and Innovation funding programme ([FP7](https://ec.europa.eu/research/fp7/index_en.cfm) (https://ec.europa.eu/research/fp7/index_en.cfm)), the 2007-2013 Competitiveness and Innovation Framework Programme ([CIP](http://ec.europa.eu/cip/) (<http://ec.europa.eu/cip/>)), and [Horizon 2020](https://ec.europa.eu/programmes/horizon2020/) (<https://ec.europa.eu/programmes/horizon2020/>)), the current research and innovation programme.

Since 2014 the European Commission's [DG CONNECT](https://ec.europa.eu/digital-single-market/en/dg-connect) (<https://ec.europa.eu/digital-single-market/en/dg-connect>) has been collecting a broad set of data about EU-funded digital projects. Leveraging [a model](http://publications.jrc.ec.europa.eu/repository/bitstream/JRC96339/jrc96339.pdf) (<http://publications.jrc.ec.europa.eu/repository/bitstream/JRC96339/jrc96339.pdf>), developed with the [Joint Research Centre's Institute for Prospective Technological Studies](https://ec.europa.eu/jrc/en) (<https://ec.europa.eu/jrc/en>), DG CONNECT has been analysing this input to extract insights and intelligence about the best innovations and innovators.