

Why Ireland for Connected & Autonomous Vehicles (CAV)



Software

Ireland is home to 200+ software companies employing 34,000 people. The world's top 7 software companies are in Ireland as are 9 of the top 10 US technology companies.

Cyber Security

Ireland has over 80 companies with cyber security operations. More than 20 of these are leading multinational security software companies. 5 of the world's top 10 cybersecurity companies in Ireland.

AI (Artificial Intelligence)

Over 40 leading companies have operations in Ireland either utilising AI as a core function within their business or developing next generation commercial AI platforms.

FinTech

Home to many of the world's global payment companies across all sectors of the payments ecosystem with 430 Financial Services Companies employing over 44,000 in Ireland.

Global Business Services

Ireland is one of Europe's leading locations for Business Services due to the availability of high quality IT, superb infrastructure and human resource skills. Companies in the sector serve major European and global markets.

Engineering & Industrial Technology

Ireland is the European location of choice for a growing number of multinational industrial engineering and technology with over 250 companies in the sector employing more than 23,000 people.

Ireland's Technology Landscape



Ireland for Future Mobility

Ireland has become a global technology hub of choice when it comes to next generation of business and technology for connected mobility.

Transport is changing and Ireland is in the driving seat. Global companies that innovate are most likely to succeed, particularly in the fast-changing automotive and mobility space.

Ireland's CAV Ecosystem



Valeo, one of the world's largest tier-one automotive component suppliers has an established presence in Tuam in the west of Ireland. The company currently employs over 1,100 currently in Tuam with an R&D team of over 400 engineers.

Jaguar Land Rover has established a major software engineering research centre in Shannon, Ireland. The company selected Shannon as the town is a globally recognised centre of excellence for software engineering talent.

The new facility provides an exciting opportunity for us to pioneer future autonomous and electrification technologies.

Nick Rogers
Executive Director of Product Engineering | Jaguar Land Rover

Valeo and **cubic telecom** are global connectivity platform companies that offer mobility solutions that power connectivity for leading Internet of things (IoT), machine-to-machine (M2M) and mobile device companies across the globe. Cubic has formed a number of high profile partnerships in the area of communications technology, automotive and semiconductor technology.

GM believes the future of personal mobility will be driven by the convergence of electrification, autonomous vehicles, and connectivity and shared mobility services. GM Ireland is playing a key role in the company's strategy working on next up technologies in autonomous, ridesharing and safer driving solutions.

Talent & Skills

There are strong government supports in training and research funding and the outlook for the tech industry in Ireland is strong. Our Universities and Institutes of Technology are producing world class graduates in computer science & software engineering, data analytics, connected & autonomous vehicles, cloud computing, cyber security, and artificial intelligence.

- + IMD World Competitiveness Report 2018 ranks Ireland **1st in the world for flexibility and adaptability of its workforce.**
- + Ireland has the **youngest population in the EU** with one third under 25 years of age and almost half the population under the age of 34.
- + **98%** participation rate in education amongst 18 year olds – highest in Europe.
- + **53%** of 30-34 year olds in Ireland have a third level education (EU average 40%).
- + Ireland has the **3rd highest numeracy and literacy rates** for 10 year olds globally.

Supports Available

RD&I Supports for multinationals in Ireland
An exceptional level of collaboration between industry, academia, state agencies and regulatory authorities drives Ireland's dynamic R&D sector. The Innovation 2020 strategy on R&D, science and technology aims for Ireland to become a Global Innovation Leader.

<p>Company + In-house R&D + Applied Research</p>	<p>Company / Academic Collaboration + Applied Research + R&D Supports</p>	<p>Company / Academic Collaboration + Scientific Research + R&D Supports</p>
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Funding available at all stages of RD&I

<p>Stage 1 RD&I Inception</p> <p>New R&D Concept IDEA Ireland + Feasibility Grant</p>	<p>Stage 2 Applied Research</p> <p>Proof of Concept R&D + SFI Academic Collaborations + E.I. Innovation Partnerships</p>	<p>Stage 3 Commercialised Research</p> <p>Inhouse R&D + Ireland RD&I Grant + IDA Ireland Training Grant + 25% Tax Credit + 6.25% Knowledge Development Box</p>
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Additional Skills/Training Supports Available

The €500m Disruptive Technologies Innovation Fund (DTIF) is seeking applications for funding of over €1m for investment in the research, development and deployment of disruptive technologies and applications. The DTIF aims to support collaboration between enterprises and the public research system.

<p>Academic Collaboration + Irish Research Council + Horizon 2020 (Marie Skłodowska-Curie)</p>	<p>Training Supports + Skillnets (IBEC/IMDA) + IDA Ireland Training programmes</p>
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