



Harnessing Digital and the Legal Sector

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Harnessing Digital

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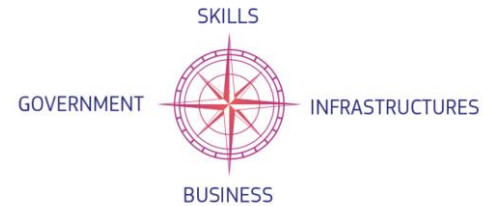
Digital Decade 2020 - 2030



Harnessing Digital The Digital Ireland Framework



AI - Here for Good A National Artificial Intelligence Strategy for Ireland



Skills
ICT Specialists: 20 million + Gender convergence
Basic Digital Skills: min 80% of population



Secure and sustainable digital infrastructures
Connectivity: Gigabit for everyone, 5G everywhere
Cutting edge Semiconductors: double EU share in global production
Data - Edge & Cloud: 10,000 climate-neutral highly secure edge nodes
Computing: first computer with quantum acceleration



Digital transformation of businesses
Tech up-take: 75% of EU companies using Cloud/AI/Big Data
Innovators: grow scale-ups & finance to double EU Unicorns
Late adopters: more than 90% of SMEs reach at least a basic level of digital intensity



Digitalisation of public services
Key Public Services: 100% online
e-Health: 100% of citizens having access to medical records
Digital Identity: 80% of citizens using digital ID

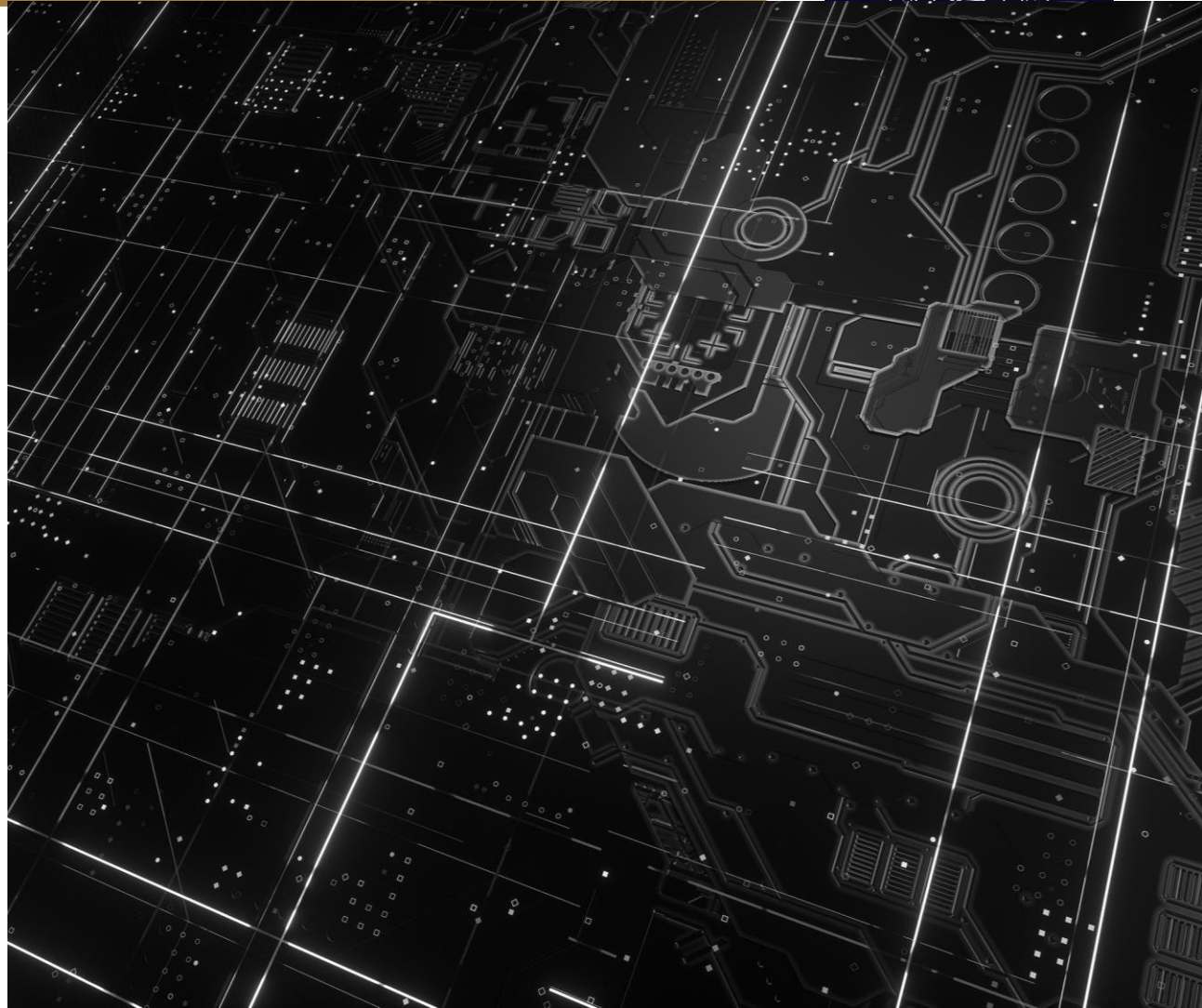
As part of the Irish National Digital Strategy, there is a commitment to

- “drive a step-change in the digital transformation of businesses, in particular SMEs”.
- “drive the further digitalisation of public services through the creation of a trusted, user-driven, intuitive, inclusive and efficient world-leading digital government service, including a focus on the digitalisation of the health system”
- “a modern, cohesive, well-resourced regulatory framework is central to Ireland’s success. This includes effective highly-skilled new and forthcoming regulators; working to maximise the coherence of digital issues and to support a wider regulatory co-operation framework; and being a strong voice in Europe for a balanced approach to digital regulation”
- “deliver skills for all to ensure all cohorts in society can engage with, and benefit from digitalisation – this includes high-level digital skills, broader digital skills for the wider labour market, and digital skills for society more generally!
- “prioritise key infrastructure enablers such as universal connectivity and robust cyber security capacity and expertise!

As part of the EU Digital Decade

- Key public services across EU, **100% online**
- 100%** access to e-health records
- 75%** of companies using Cloud/AI Big Data

Therefore, business will be “*digital first*” this decade



Key questions to ask and where to start



Purpose

What do we want to achieve with our digitalisation efforts?



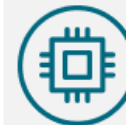
People

What skills / culture do we need to develop and implement our digital investments?



Process

How should we use technology to optimise our processes?



Technology

What technologies will help us achieve our aims (customer, products / services, operations)?

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- Cloud platforms/ Software as a Service (SaaS)
 - Aids remote working and distributed locations
 - Can aid Cyber Security
 - Examples: Customer Relationship Management (CRM), Online accounting and invoicing, electronic signatures, Digital Marketing

 - Blockchain:
 - Automation (smart contracts),
 - Transparency, traceability (Distributed Ledger)
 - [Blockchain in Law: Use Cases in Legal Industry | ConsenSys](#)

 - Artificial Intelligence (AI)
 - Natural Language Processing (NLP) to speed up research, language translation, predicting rulings
 - [How Natural Language Processing \(NLP\) AI Is Used in Law - Law Technology Today](#)
 - [How AI And Machine Learning Are Transforming Law Firms And The Legal Sector | Bernard Marr](#)

Cyber Security:

- Ransomware
- Malware
- DDoS

Artificial Intelligences

- Bias in the tools
- Emerging legal frameworks, E.g. EU Artificial Intelligence Act [Regulatory framework on AI | Shaping Europe's digital future \(europa.eu\)](#)
- Right to privacy (Computer vision more common)



LAW SOCIETY
OF IRELAND



Good resource for webinars and digital transformation program.



Free online training to a range of digital skills.
<https://www.digitalskillnet.ie/techlearn-sme/>

Go and Grow
Online Ireland

Partnership between Vodafone, Microsoft Klarna and Enterprise Nation to help business owners improve their digital skills and grow their ventures. Free in-person consultations to boost digital knowledge

<https://www.enterprisenation.com/go-and-grow-online/>



Free digital scorecard assessment.

<https://globalambition.ie/scorecard>

Small Practice Upcoming Sessions



Information Sessions 2022

- New ways of Working (30 March 2022) - Opportunities to work as a Consultant by Gibson and Associates [Register online](#)
- Setting up Practice (6 April 2022) – Regulatory Requirements [Register Online](#)
- Setting up in Practice (13 April 2022) Practitioner Experiences

Small Practice Information Questions



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([lawsociety.ie](https://www.lawsociety.ie))

Thank you.