Future Jobs Ireland focuses on five pillars:

- Embracing Innovation and Technological Change
- Improving SME Productivity
- Enhancing Skills and Developing and Attracting Talent
- Increasing Participation in the Labour Force
- Transitioning to a Low Carbon Economy
Ambition 1.2: Implement a strategic approach to maximise the benefits from digitalisation

Strategies ➔ Industry 4.0

National Digital Strategy ➔ National Artificial Intelligence Strategy
Future Jobs Ireland

Offshore Renewable Energy

Top Teams (Pilot)

GovTech

Artificial Intelligence
Top Teams

Top Teams (Pilot)

Artificial Intelligence
Top Teams

AI Development and Deployment

Roínn an Taoisigh
Department of the Taoiseach

An Roinn Gnó,
Fiontar agus Nuáláíochta
Department of Business,
Enterprise and Innovation

Enterprise Ireland
where innovation means business

NSAI
AI Standards
Goals - Top Teams

**Goal (as defined by DETE):**
Expand Ireland’s international leadership in AI Standards development and increase standards-enabled impact.

**Goal (as defined by NSAI)**
Document the development and deployment roadmap of AI as a technology by creating a framework supported with standards that can advise Government and assist Irish industry.
Stakeholders - Top Teams

Artificial Intelligence
Top Teams

- Microsoft
- IBM
- Accenture
- Oracle
- HP
- CeADAR
- IDA Ireland
- ENTERPRISE IRELAND
- NSAI
- ADAPT
Structure - Top Teams

- Legal
- Multi-National Companies
- Artificial Intelligence Top Teams
- SME
- Research and Academia
- Society & Skills
Outputs - Top Teams

Terms of Reference

Interim Report

Artificial Intelligence Top Teams

AI Top Teams
Industry Guide
AI Roadmap supported by Standards and Legislation

AI Top Teams Recommendations to Government
AI Roadmap supported by Standards and Legislation
Methodology - Top Teams

Design Thinking Process

**Empathize**

Learn about the audience for whom you are designing, by observation and interview. *Who is my user? What matters to this person?*

**Define**

Create a point of view that is based on user needs and insights. *What are their needs?*

**Ideate**

Brainstorm and come up with as many creative solutions as possible. *Wild ideas encouraged!*

**Prototype**

Build a representation of one or more of your ideas to show to others. *How can I show my idea? Remember: A prototype is just a rough draft!*

**Test**

Share your prototyped idea with your original user for feedback. *What worked? What didn’t?*

*Design Thinking Process, Stanford Design School/IDEO*
Methodology - Top Teams

1. Build Team Structure
2. Analyse & Empathise
3. Define Needs & Outcomes
4. Ideate & Explore
5. Visualise & Validate
6. Define Business Case

ENABLING INNOVATION FRAMEWORK
SIX STEP STRUCTURED DISCIPLINED PROCESS TO GUIDE AND CHANGE BEHAVIOURS, ROUTINES AND MINDSETS

DESIGN THINKING STEPS
IMS 56002 Innovation Management System Principles

1. Future-focused Leadership
2. Strategic Direction
3. Exploiting Insights
4. Managing Uncertainty
5. Adaptability

4. Culture
3. Realisation of value
8. Systems Approach
Methodology - Top Teams

• Need Statements
• Understand needs
• Identify patterns
• Redraft and reframe Need Statements
• Validate and prioritise
• Initial ideas and solution directions
• Evaluate, Select and Prioritise Outputs

Patterns of INSIGHTS that are evolving

Building ‘trust’ around AI for SMEs with customers can take from months up to 2 years (estimated) – opportunity to reduce this time to commercialisation.

SMEs with multi ISO regulatory standards, resultant audits, create a significant resource allocation – opportunity to review and create a smarter audit roadmap.