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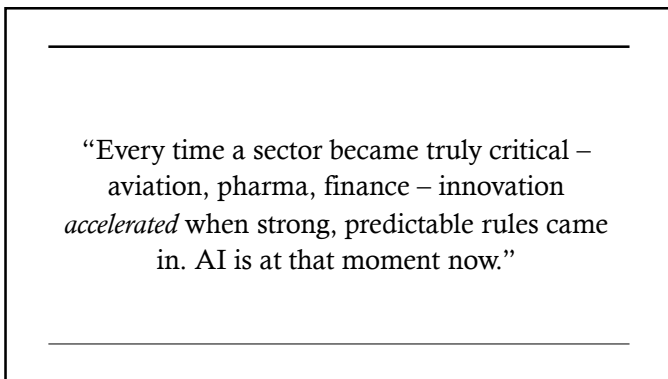
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## EU AI ACT

- a prioritisation tool for AI projects
- a design brief for trustworthy products
- a platform for new business models

Focus our AI bets  
Unlock EU support & infrastructure  
Upgrade culture, not just paperwork

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## TRUST

- AI moving from “cool pilots” → core processes & decisions
- Customers, boards, regulators all asking the same thing: “Can we trust this?”
- EU AI Act = Europe's answer to that trust question

If we ignore it, innovation slows. If we ride it, innovation accelerates.

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## AGENDA

- Part 1 – The AI Act as a design brief
- Part 2 – The EU help & infrastructure stack
- Part 3 – Culture & people (Cambridge IPIP)
- Part 4 – Practice & tools (COMPL-AI)

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## DIFFERENT LENSES

- Old world:
  - “Regulation = the brakes”
- New world:
  - Rules → define the playing field
  - Infrastructure → gives us muscles & data
  - Culture & tools → decide who wins

Let's start with the rulebook, but look at it with a product and innovation lens.

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### PRODUCT REQUIREMENTS

| Risk management                   |   | Data governance                           |   |
|-----------------------------------|---|---|---|
| Identify, test, mitigate failures | formalise your <i>experimentation loop</i>          | Quality, representativeness, bias control | build <i>data assets</i> as products                  |
| Documentation & Logging           |   | Human oversight & robustness              |   |
| "Boring" part, until you need it  | <i>observability</i> → faster debugging & iteration | Not just a checkbox                       | design human+AI workflows that feel <i>empowering</i> |

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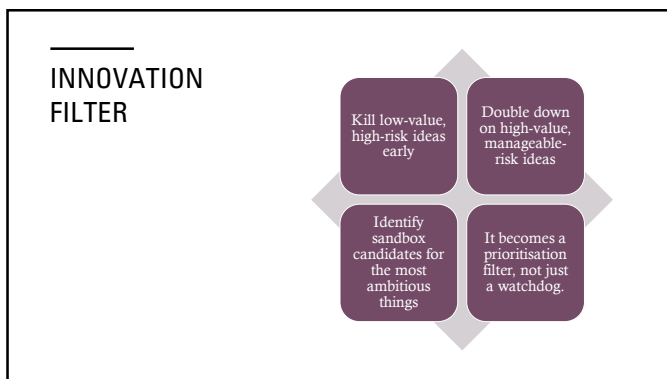
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## EU HELP STACK

- AI Office & Service Desk
- Sandboxes
- Omnibus & SME relief

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## EU AI OFFICE



Sits in the European Commission



Coordinates AI Act implementation across Member States



Directly supervises powerful GPAI / foundation models



Supports guidance, standards, codes of practice



Think of it as the brain of the European AI governance system.

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## SERVICE DESK



**EU Artificial Intelligence Act**



AI Act Explorer → friendly way to navigate articles & recitals



Compliance checker → "Is my system in scope? What obligations?"



Service desk → you can actually ask questions



This is free leverage for your legal & product teams

[The AI Act Explorer | EU Artificial Intelligence Act](#)

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## REGULATORY INPUT

- You / companies / sandboxes submit:
  - Questions, use cases, edge cases
- AI Office & national authorities turn that into:
  - Guidance notes
  - FAQs & examples
  - Delegated acts & standards
- Your pain points literally shape how the rules evolve.



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## SANDBOXES

- Controlled environments to test high-risk / novel AI with regulators in the loop
- Benefits:
  - Legal certainty before full launch
  - Chances to influence guidance
  - Sometimes relaxed data rules under supervision
- Perfect for: "Great idea, legal is nervous" situations
- IMY / RISE / AI Sweden et al, are already running sandbox-like pilots

You don't have to fight the regulator at the end. You bring them in at the beginning.

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## OMNIBUS

- Omnibus = EU "update pack" for digital laws (AI Act, Data Act, etc.)
- Aims to:
  - Simplify overlaps
  - Reduce duplicated reporting
  - Fix early pain points
- Inside the AI Act:
  - SME support: sandboxes, training, proportionate fees, guidance

This is living regulation, a v1.0 that's meant to iterate.

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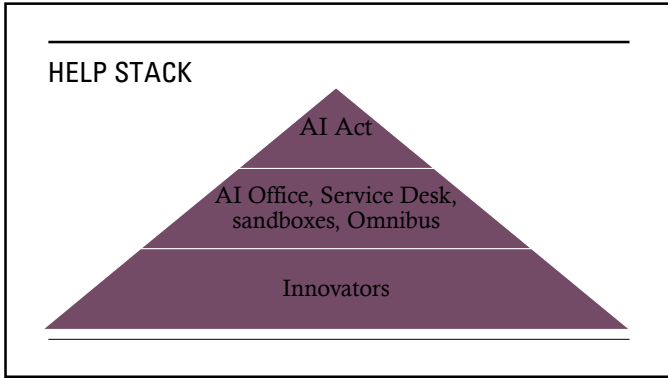
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Now let's add the muscles and fuel:  
supercomputers and data.

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**EUROPE'S AI MEGA-FACTORY: 13 AI FACTORIES**

- EuroHPC supercomputers + AI Factory hubs
- 13 sites acting as a distributed mega-factory
- Purpose:
  - Give startups, SMEs, public sector access to serious compute
  - Support trustworthy, EU-aligned AI development

This is where the heavy lifting happens.

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## SWEDEN'S AI FACTORY: MIMER + RISE

- Hosted at Linköping (NAISS)
- RISE as bridge to industry & public sector
- Offers:
  - Supercomputing optimised for AI
  - AI experts & hands-on support
  - Business and competence support
- Focus domains: health, materials, autonomy, gaming

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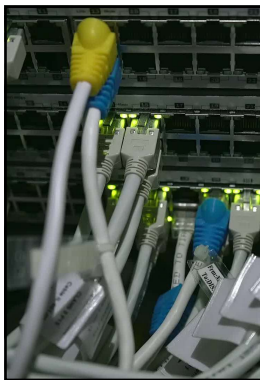
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## SWITZERLAND & THE WIDER 13-NODE NETWORK

- Not just EU-27, partner countries, incl. Switzerland
- Cross-border network of:
  - Compute
  - Expertise
  - Shared best practices

From Sweden, you're effectively plugged into a continental AI machine room.

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## AI FACTORIES + AI ACT

- AI Act demands:
  - Robustness testing, evaluation, red-teaming
  - Logging, traceability, documentation
- That is compute-intensive
- AI Factories give you:
  - The horsepower to do serious evaluation
  - Teams who understand AI and EU rules

Compliance by design becomes realistic, not aspirational.

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## EU DATA SPACES: THE FUEL PIPELINES

- Trusted environments for data sharing in sectors
- Examples: health, mobility, energy, manufacturing, public sector, media...
- Data Act + data spaces:
  - More industrial/IoT data available
  - With clear governance and interoperability

Instead of hoarding data, we start doing things with it together.



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## DATA SPACES AS INNOVATION PLAYGROUNDS

- Richer training & evaluation data
- New business models:
  - Data products
  - Analytics & AI services inside a space
- SMEs can plug in even without huge in-house datasets

This levels the playing field for smart, smaller teams.



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AI Act & help stack: rules, AI Office, sandboxes, Omnibus

Tools like COMPL-AI: compliance as code

AI Factories / supercomputers: compute layer

Data spaces & Data Act: data layer

**Apps & services: what you build in your org**

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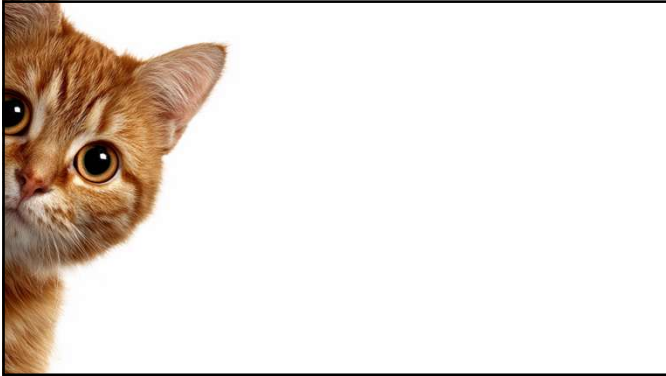
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## CULTURE & PEOPLE




**Culture before code:**  
Cambridge IPIP



**IPIP: Innovation Policy Ignition Programme (Cambridge)**



**Brings mixed regional teams for 6 months:**  
Policymakers, business, investors, academia, NGOs



**Goal: co-create a regional innovation action plan**



**Key lesson:**  
Regions rarely lack ideas, they lack alignment & trust

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### IPIP PRINCIPLE #1 MIXED TEAMS, NOT LONE HEROES

- IPIP insists on cross-sector teams
- For AI & the AI Act:
  - Your "AI team" should include:
    - Product owners
    - Engineers / data scientists
    - Legal / compliance
    - HR / unions (if workforce impact)
    - Risk / ethics / domain experts

If only legal or only tech is in the room, you're flying half blind.

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## IPIP PRINCIPLE #2 & #3 ECOSYSTEM & COMMUNITY

- Ecosystem first:
  - IPIP starts with an ecosystem audit
  - For AI: map your internal & external stakeholders, data sources, regulators
- Community of practice:
  - Regions share templates & lessons
  - In Sweden:
    - Shared risk registers
    - Shared impact assessment templates
    - Joint sandbox projects

Innovation becomes a contact sport, not a solo mission.

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## COMPL-AI

- COMPL-AI: compliance as code
- Open-source framework from ETH & partners
- Maps EU AI Act-style requirements to concrete tests for AI models
- Lets you:
  - Run a benchmark suite on models pre- and post-update
  - Track how "compliant behaviour" evolves over time

Think of it as unit tests for AI Act obligations.

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## FROM ONCE-A-YEAR AUDIT → CONTINUOUS COMPLIANCE

- Old model:
  - Yearly external audit, big PDF, put it on a shelf
- New model:
  - Integrate COMPL-AI into MLOps / LLMOps
  - Run on every major update
  - Cross-functional review of results quarterly

Compliance becomes a learning loop, not punishment.



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## SUMMARY

- The AI Act is a design brief, not just a rulebook.
- Europe is giving you a stack:
  - AI Office, sandboxes, AI Factories, data spaces, open tools like COMPL-AI. Use it.
- Culture wins: IPIP-style mixed teams and communities of practice will decide who actually benefits.

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THANKS FOR YOUR TIME

Michael Herkommer  
[linkedin.com/in/herkommer](https://www.linkedin.com/in/herkommer)



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Riskovate kombinerar CIO-, CFO- och Riskchef-perspektivet  
för att göra AI styrbart, affärsnära och operativt.

Vi hjälper ledningsfunktioner och GRC-ansvariga att gå från  
vision till verklig effekt med riktning, ansvar och struktur.

**RISKOVATE**  
— ADVISORY —

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