

Reflecting real-world trials in the AI Act

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Paths from idea to market a'la AI Act

In-house development
(article 2.7)

Testing under real-world
conditions (article 54a)

Regulatory sandbox
(articles 53-54)

Trialling digitalisation in Sweden

Domain	Impact
Autonomous vehicles	Exploring new regulation, inter-agency collaboration & business relations
Smart shipping	Exploring old regulation & inter-agency collaboration
Mobility services	Public body as innovation driver and customer, technical standards & procurement
	Safety cases

Testing under real-world conditions

Similar to our experience:

Safety case / risk and mitigations

Tester submits plan at beginning and exits with experience report

Agency as market surveillor

Novel according to us:

30 days for agency to reject application vs. take the time needed to review

Unclear cost vs. approx. €140/h for reviewing

Only Annex III vs. safety components as part of autonomous solutions



The AI regulatory sandbox

Legal exempt from fines and GDPR

Proof of successful work

With national competent authority
(innovation and market surveillance)

Authority writes exit report

Please involve TEFs and EDIHs

Selection criterias? Competences?

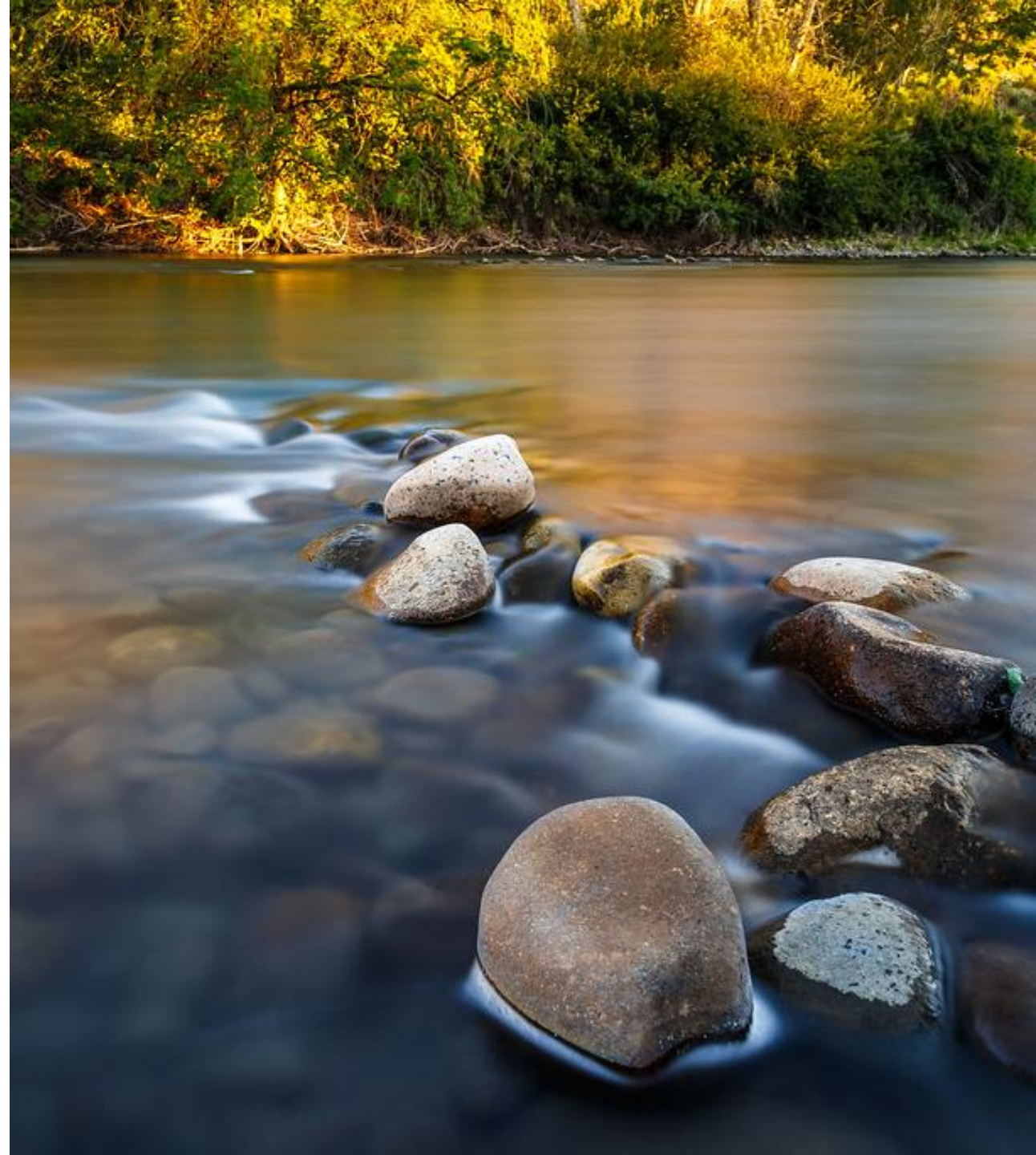


The way forward

The need for safety case skills
Not only ICT skills

New paths from idea to market
Legal exemptions
Active agency involvement

Sharing the outcome
Costs, responsibilities and IP
Policy development



Thanks!

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