



# Global AI Sandboxes: Overview

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Regulatory sandboxes provide lawmakers with real-world data and examples to improve regulation, balancing the push for innovation and consumer protection. This approach has been extended to innovation sandboxes where organizations are supported to experiment with and adopt artificial intelligence. Often this can take the form of a company testing the impacts of an incremental change to current regulations.

Sandboxes, either for innovation or regulation, have been set up by countries at the national, state or local level. They can be found worldwide and will likely become increasingly available to organizations that wish to take advantage of them. Notably, the EU AI Act's Article 57 mandates the use of AI sandboxes in member states. In the following table, the EU is represented as a bloc. In the U.S. AI Action Plan, the Trump administration supports the creation of AI regulatory sandboxes throughout the U.S. to support AI innovation.

Jurisdiction	Status	Jurisdictional level	Type	Context
<a href="#">Delaware</a>	Approved	Subnational	Regulatory sandbox	Delaware passed a targeted bill to open a sandbox within its state.
E.U.	Approved	International	Regulatory sandbox	The EU authorized regulatory sandboxes with the passage of the EU AI Act. While all member states must participate by August 2026, many have already set them up. In 2022, Spain became first member state to pilot a regulatory sandbox.
<a href="#">Oklahoma</a>	Proposed	Subnational	Regulatory sandbox	In February, Oklahoma legislators proposed a regulatory sandbox in its cross-sectoral AI bill.
<a href="#">Pennsylvania</a>	Proposed	Subnational	Regulatory sandbox	Pennsylvania legislators proposed a bill to open a sandbox within its state.
<a href="#">Singapore</a>	Running	National	Innovation sandbox	Singapore has had several sandboxes over the years where participants can receive material support to try new AI systems. The most recent iteration allows for assistance in AI assurance.
Texas	Approved	Subnational	Regulatory sandbox	With the passage of the Texas Responsible Artificial Intelligence Governance Act, Texas became the second U.S. state to authorize a sandbox. Regulatory mitigation will be offered once the sandbox has been set up.
<a href="#">U.K.</a>	Planned	International	Regulatory sandbox	The Financial Conduct Authority has set up a regulatory sandbox, AI Lab, to understand the risks and opportunities AI presents and to inform their regulatory approach. Participants will have access to the partnership with NVIDIA in their Supercharged Sandbox.
<a href="#">United Arab Emirates</a>	Running	National	Regulatory sandbox	Since 2019, the UAE has run several RegLabs to test emerging technologies while creating transparent and reliable legal frameworks for emerging technologies.
<a href="#">Utah</a>	Running	Subnational	Regulatory sandbox	The passage of Utah's S.B. 149 led to the creation of the Learning Lab. Organizations can apply for regulatory mitigation while testing AI when under the supervision of the Learning Lab.
<a href="#">Zurich</a>	Paused	Local	Innovation sandbox	Between 2022-24, Zurich worked with regulators, researchers and private businesses to develop AI expertise, promote AI innovation and strengthen knowledge transfer.

# Definitions

## Legislative process

- **Regulatory sandboxes** are legal frameworks where participants can apply for regulatory mitigation to provide feedback on effectiveness of current regulations.
- **Innovation sandboxes** are government-facilitated trials for new AI systems, where financial or material support is provided to participants.

## Status explanation:

- **PROPOSED:** Legislation authorizing development has been introduced but has not passed into law.
- **APPROVED:** Proposed legislation has been passed and signed into law.
- **PLANNED:** Framework governing AI, legislative or otherwise, has been announced and governing body has started setting up the sandbox.
- **RUNNING:** The sandbox has inducted its first participants and the governing body is collecting data.
- **PAUSED:** The sandbox has completed one or more iterations with participants but has stopped operations for the time being.