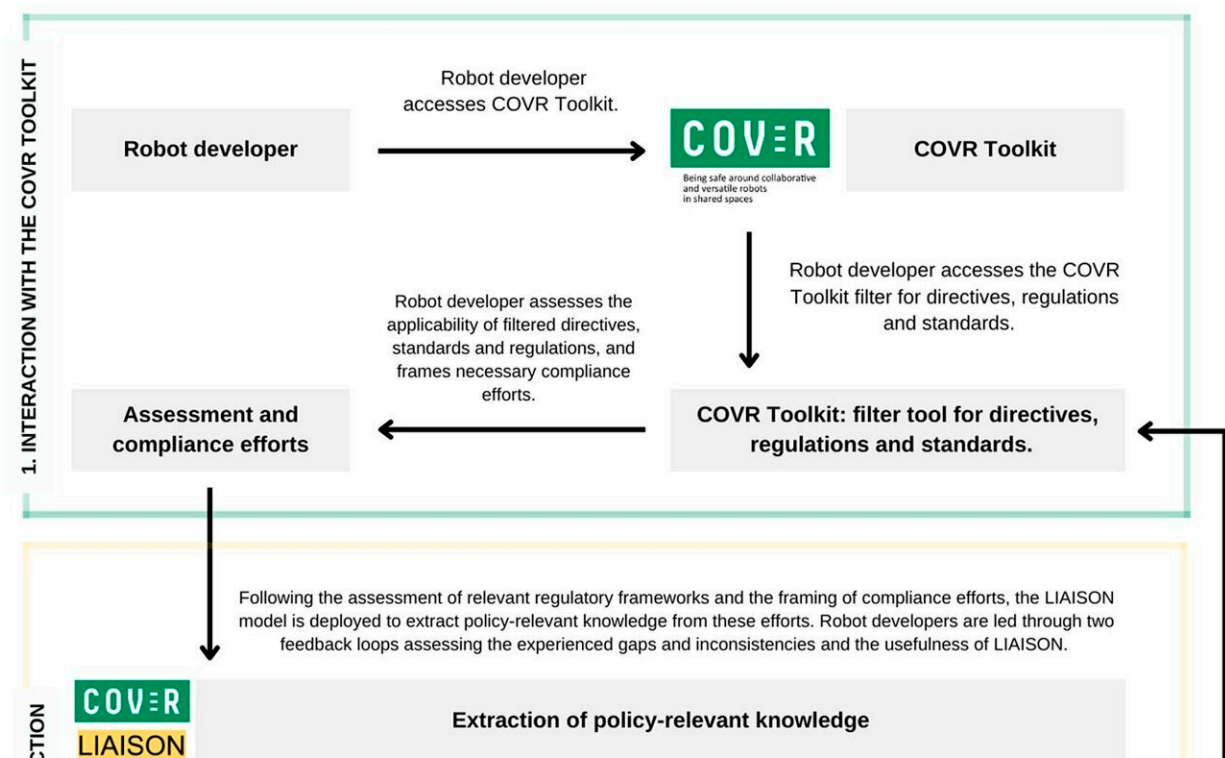


An iterative regulatory process for robot governance

March 2 2023, by Eduard Fosch-Villaronga

LIAISON model for an iterative regulatory process for robot governance



Credit: *Data & Policy* (2023). DOI: 10.1017/dap.2023.3

As technology advances rapidly, the gap between the speed of policy development and technological change is becoming more prominent. This is particularly true in robotics, where current legislation often lags

behind and fails to adequately frame robot technologies. This gap increases legal uncertainty and poses safety risks, as developers may not know which regulatory frameworks to follow. The resulting technology may thus perform poorly and lead to biases and discrimination.

To address this issue, the LIAISON project, which stands for 'Liaising robot development and policymaking', ideated an alignment model to bridge the gap between policy development and [technological change](#). By designing an iterative regulatory process for robot governance, LIAISON aimed to solve the mismatch between the policy cycle's speed and that of technological and [social change](#), particularly in robotics, where machines perform tasks either automatically or with a degree of autonomy.

In an article published in *Data & Policy*, Eduard Fosch-Villaronga from eLaw, Center for Law and Digital Technologies, together with Hadassah Drukarch and Carlos Calleja, explored the issues and key findings of the LIAISON project. The article 'An iterative regulatory process for robot governance' discussed how compliance tools could be used as data generators for policy purposes to optimize regulatory frameworks for existing and emerging robot technologies.

This article highlights the importance of legal and policy models that adequately frame robot technologies and explores the potential use of compliance tools to ensure that emerging robot technologies are safe, unbiased, and compliant with legal and policy frameworks.

More information: Hadassah Drukarch et al, An iterative regulatory process for robot governance, *Data & Policy* (2023). [DOI: 10.1017/dap.2023.3](https://doi.org/10.1017/dap.2023.3)

Provided by Leiden University

Citation: An iterative regulatory process for robot governance (2023, March 2) retrieved 26 April 2024 from <https://techxplore.com/news/2023-03-iterative-regulatory-robot.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.