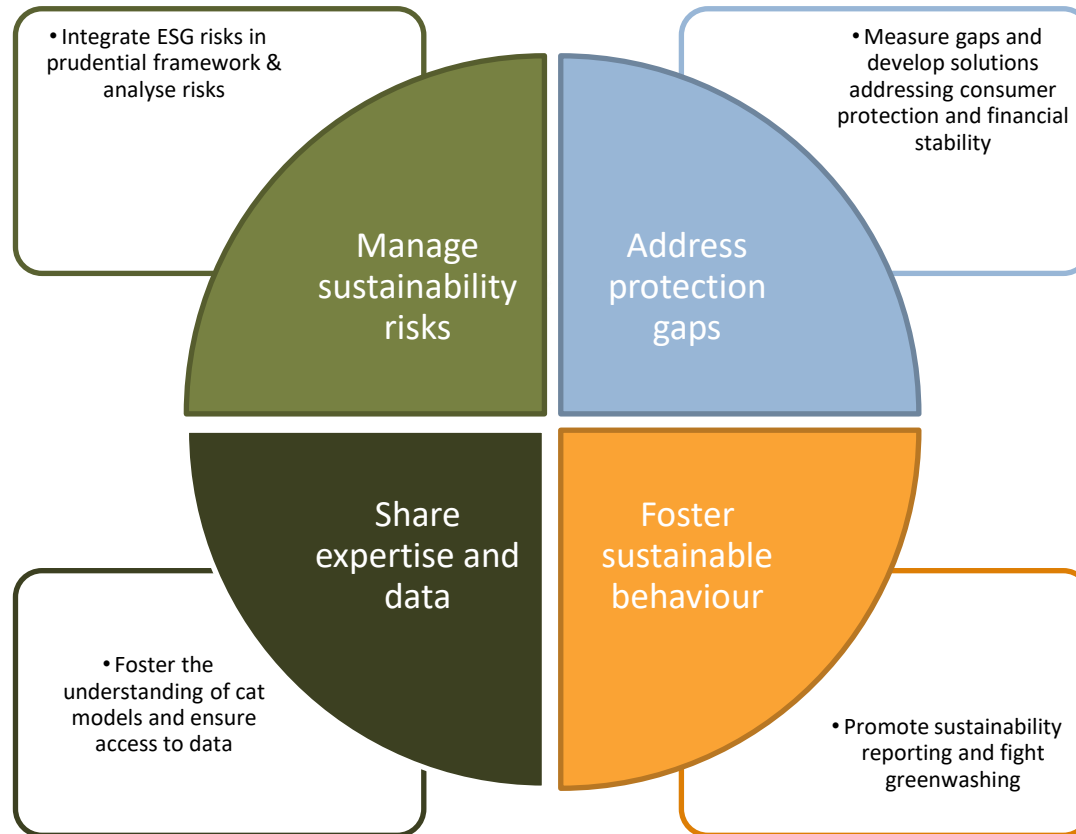


CATASTROPHE RISK MODELLING: EIOPA'S PERSPECTIVE

Presenter: Marie Scholer
Date: 29 November 2023

EIOPA'S PRIORITIES ON SUSTAINABLE FINANCE



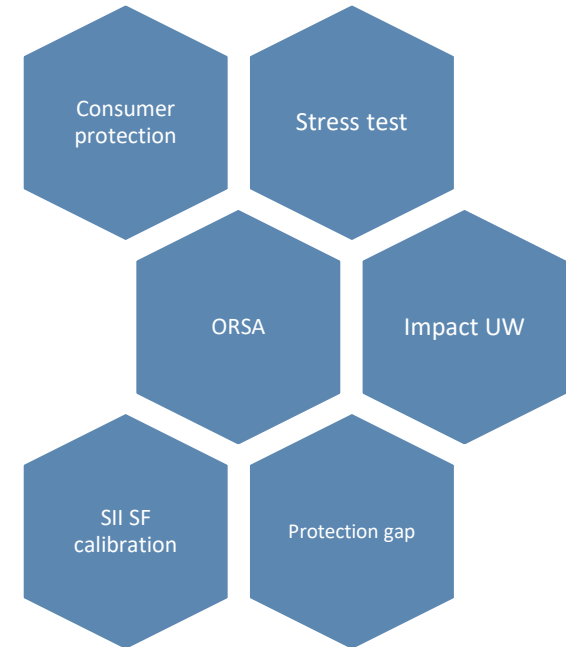
[Sustainable finance \(europa.eu\)](https://europa.eu)

CATASTROPHE RISKS MODELS

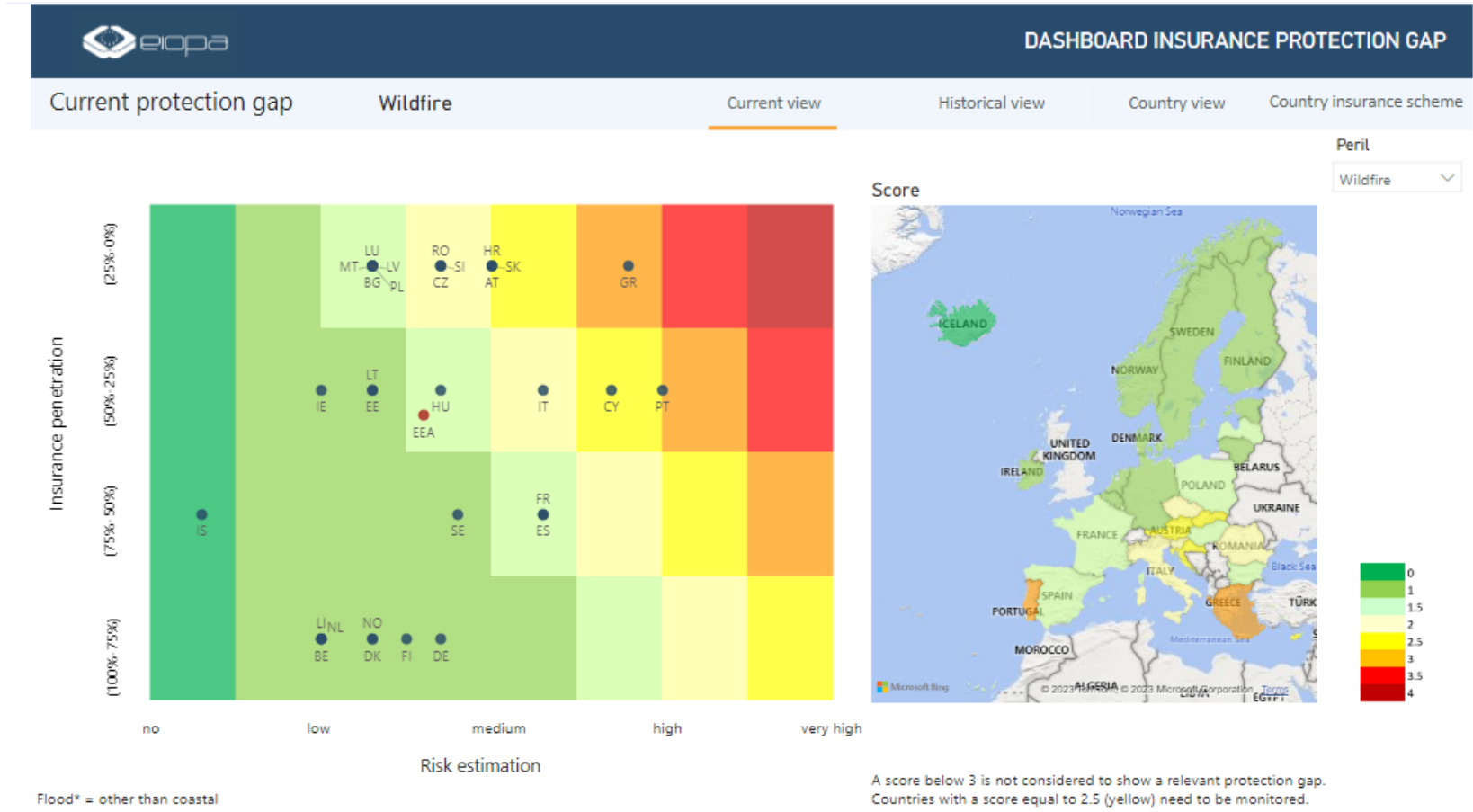
Understanding catastrophe risks is crucial for supervisors, the insurance industry and the public sector

Catastrophe models are for example used to:

- ✓ Improve the accuracy of risk assessment for the industry, supervisory community and public sector.
- ✓ Improve prevention measures
- ✓ Increase risk awareness to policyholders, citizens...



MONITOR THE INSURANCE PROTECTION GAP

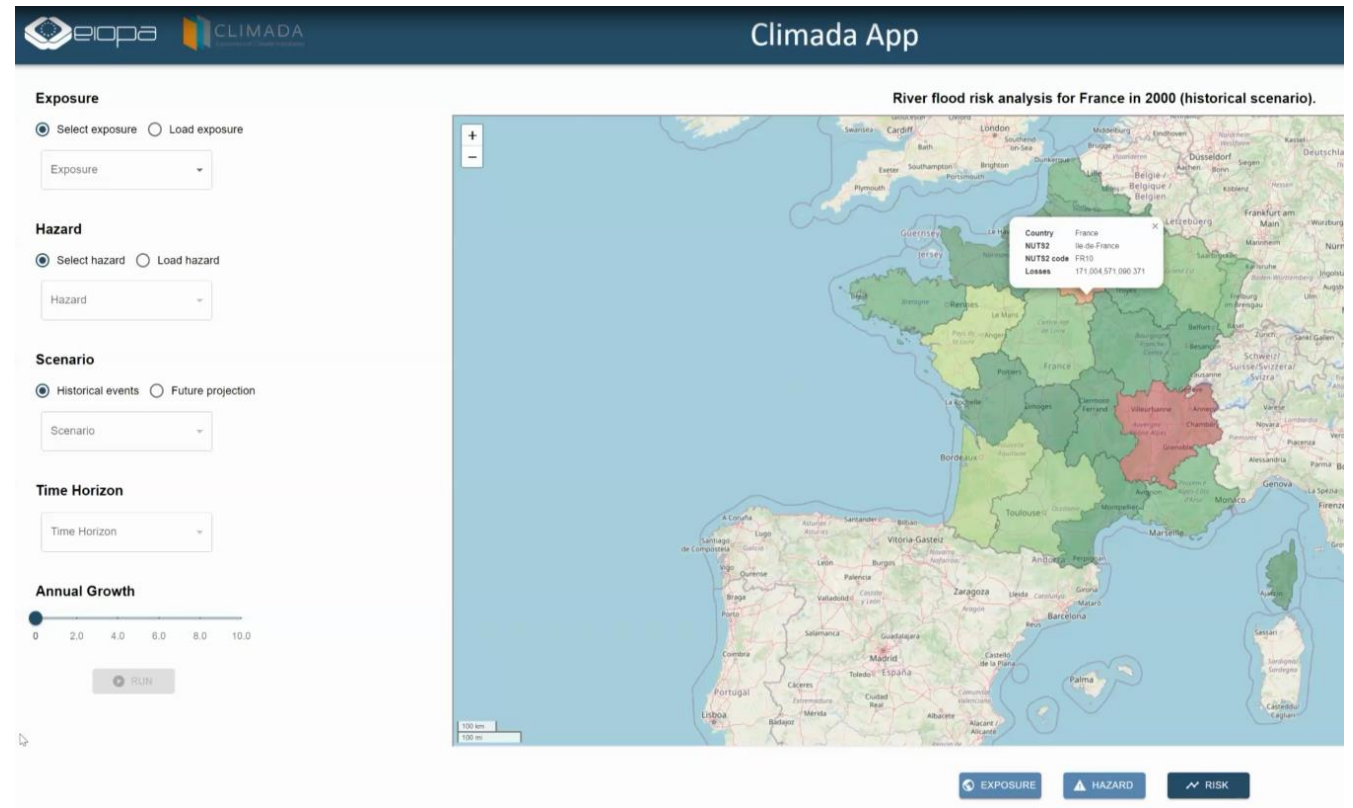


[Dashboard on insurance protection gap for natural catastrophes \(europa.eu\)](https://europa.eu)

OPEN-SOURCE MODELS

EIOPA developed a user interface for the open-source catastrophe model CLIMADA.

This case study aims to encourage further developments, help stakeholders to start doing catastrophe modelling ...



[EIOPA's website: Open-source tools for the modelling and management of climate change risks \(europa.eu\)](http://europa.eu)

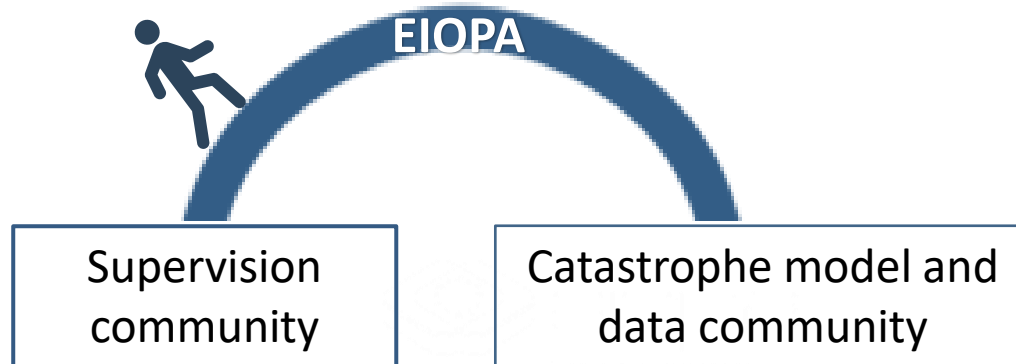
OPEN-SOURCE DATA

The new EU climate change adaptation strategy: “More and better climate-related risk and loss data”

The Commission will:

- *promote and support the use of its Risk Data Hub to harmonise the recording and collection of comprehensive and granular climate-related risk and losses data, and promote national level public private partnerships to collect and share such data;*
- *explore with EIOPA and industry the best ways to improve the collection of uniform and comprehensive insured loss data, and will empower EIOPA as needed;*
- *extend the scope of public access to environmental information in the INSPIRE Directive to include climate-related risk and losses data.*

CHALLENGES AND OPPORTUNITIES



Challenges

- ✓ Need common understanding
- ✓ Open source not always user friendly
- ✓ Intellectual property of commercial models

Opportunities

- ✓ Better understanding
- ✓ Better supervision
- ✓ More awareness

WHAT'S NEXT?

- Conscious of the importance of data and models for an appropriate assessment and management of catastrophe risks, **EIOPA will implement activities to establish itself as a Centre of Excellence in catastrophe models and data.**
- More to come at EIOPA's sustainable finance conference on the 14th of December 2023 (online event).

- Register at:

[EIOPA's 7th Sustainable Finance Conference \(europa.eu\)](https://europa.eu)

THANK YOU!

For more information visit:
<https://www.eiopa.europa.eu>