Visualising Baltic (VisBaltic)

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Table of contents

What I Built

Built a comprehensive climate action platform for the Baltic Sea region combining interactive climate data visualization with community organizing tools. The full-stack application enables users to visualize real-time climate risks (sea-level rise, coastal erosion, pollution), create and discover climate actions, and collaborate across Nordic countries using Django REST API and React TypeScript.

What I Learned

Data visualization drives community action. Bridging the gap between climate data awareness and actionable community solutions requires intuitive geographic interfaces and social features. Building with Django REST framework and React taught me how to handle geospatial data, implement real-time collaboration features, and create engaging environmental activism tools.

Also learned that cross-border environmental collaboration needs thoughtful UX design to connect activists across language and cultural barriers.

Achievement

Baltic Sea Region Hackathon 2025 - Climate protection through digital innovation

Project

[GitHub Repository](#)

Tech Stack: Django REST API, React TypeScript, Tailwind CSS, GIS mapping | **Impact:** Enables cross-border climate activism across Baltic region