

Users and envisaged applications in the hub

The toolkit is designed for both citizens (community members) and officials (Technical sub-committee of Oforikrom Municipal Assembly [OfKMA] and Kumasi Metropolitan Assembly [KMA]) to report activities or factors that can cause flood and to address the reported case respectively. Through real-time reporting and spatial visualisation, the system will support the monitoring of wetlands, riparian buffers, drainage systems, and urban green spaces. Information generated through the platform is expected to strengthen environmental laws enforcement, support flood-risk reduction measures, guide climate adaptation planning, and improve coordination among institutions responsible for urban resilience.

Description of the situation *

Please provide a short description of the situation

Location name of the suburb

If the name is known, please add it here

Activity *

Select one or more items from the list

A

Wetland filling

B

Wetland encroachment by nearby settlers

C

Drainage diversion

D

Choked drainage

E

Other (please specify)

Picture evidence *

Activate the camera to take on-site picture evidence

image 1

Add Picture

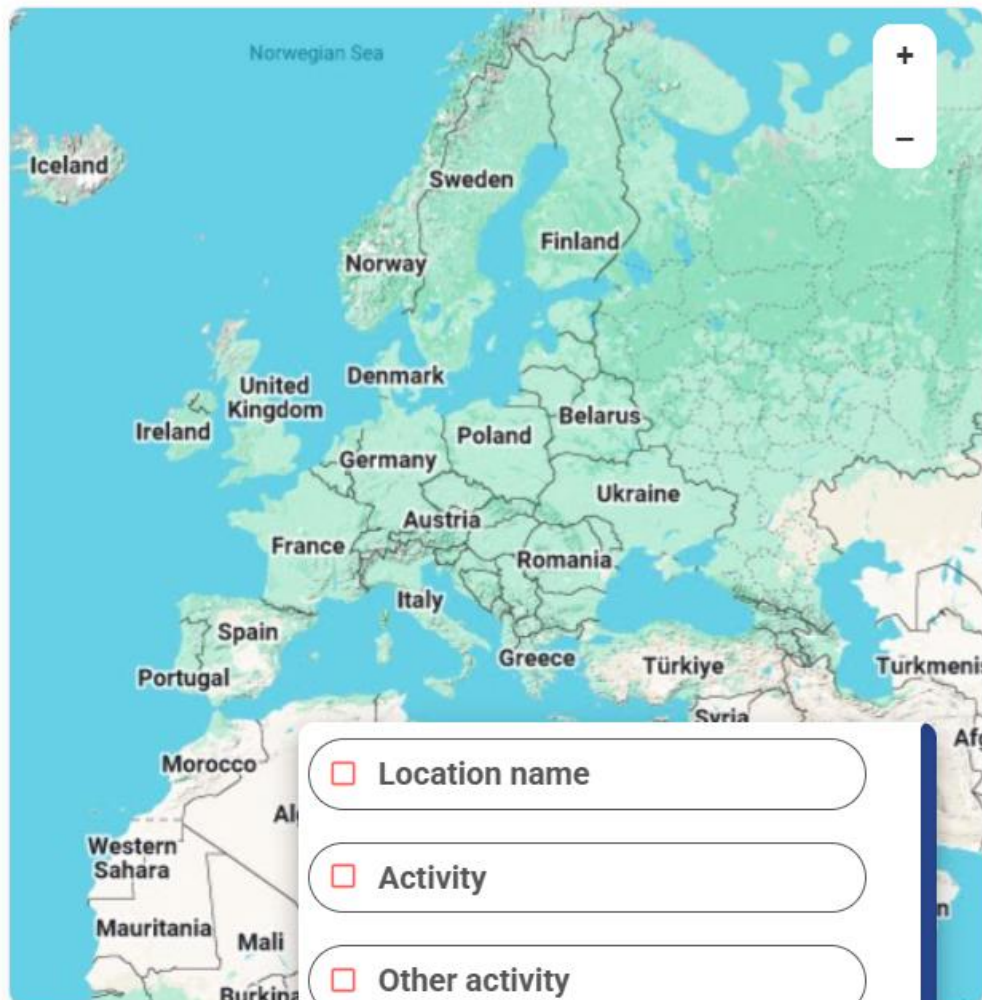
image 1



Published · 12 06 2026

NBS conservation in the Kumasi Hub

+ Add response



Current dataset

Search

Actions	Location	Location name	Activity	Other activity

Location name

Activity

Other activity

Description

Officer name

Response action

Other action

Co-development of the Citizen Science NBS toolkit

Current situation of flood-prone areas in the hub

Key outcomes included shared institutional access to reports, automated jurisdictional routing, improved visualization, proposed voice reporting, strengthened case tracking, and citizen feedback mechanisms. Governance arrangements for technical review and decision-making were also aligned with existing flood management systems.



Next steps and final outcome

- Current efforts focus on implementing recommendations emerging from the stakeholder evaluation process and preparing institutions for operational deployment of the toolkit.
- Planned activities include institutional training, integration of community boundary datasets, enhancement of reporting functionalities, and expansion of monitoring across the Kumasi Metropolitan Area.

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Funded by the European Union under G.A. NO 101137895. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or European Commission. Neither the European Union nor the European Commission can be held responsible for them.