

If you need to manage flood risk assets, perhaps as a Local Lead Flood Authority (LLFA) to meet your statutory responsibilities, then AMX can help. With its comprehensive inventory records, incident management tools, and powerful analysis and reporting functionality, AMX will help you streamline your operations and put you in full control of your resources.

## Key features

AMX has been specifically designed to meet the needs of Flood Risk Management and, as the solution provider to Natural Resources Wales, the following key features have been developed in line with industry best practice.

- ▶ **COMPREHENSIVE ASSET INVENTORY RECORDS** – capture all pertinent information about Flood Risk Assets and underpin the required Asset Register.
- ▶ **ASSET INSPECTIONS** – schedule, record and analyse data from your routine condition inspections including details of time, equipment and resources required for completion.
- ▶ **PSRA (PUBLIC SAFETY RISK ASSESSMENTS)** – store all data from findings and schedule new installations, upgrades and repairs as required.
- ▶ **INCIDENT MANAGEMENT** – log incidents, enable quick reference to relevant assets in the area including exact GIS mapping, historical incident logs, last inspection dates and condition scores.
- ▶ **ENFORCEMENT** – log land and asset ownership to support the enforcement of asset maintenance and log/record reported defaults/mis-use or incidents.
- ▶ **MANAGE CONSENT APPLICATIONS** – quickly record and manage all Ordinary watercourse Consent Applications for assets, including detailed locations and ownership of assets to enable accurate and regular monitoring.
- ▶ **RESTRICTION COMPLIANCE** – outline all relevant activity restrictions in place for an asset to ensure no breaches occur in routine maintenance scheduling.
- ▶ **PLUS...** Whole Life Costs analysis, financial planning and consolidated management reports.

## Asset Types

AMX includes the standardised asset templates to fit with the national guidelines for recording all necessary data for the following Key Asset Types:

- Aids to Navigation (eg. Buoys, Dolphins)
- Beach Structures (eg. Groynes)
- Buildings (eg. Pumphouses)
- Channels (eg. Watercourses, culverts)
- Channel Crossings (eg. Slipways, bridges)
- Defences (eg. Coastal walls, embankments)
- Instruments (eg. Telemetry, field devices)
- Land (eg. Saltmarsh)
- Major Civils (eg. Piers)
- PSRA (eg. Signs, fences)
- Sites (eg. Reservoirs)
- Structures (eg. Jetties, outfalls)



“Bringing together all of our Flood Asset information into AMX, will allow us to make better decisions on how we spend public money to maintain our flood assets to protect people and property from flooding.

“Our users have already told us that AMX is straightforward to use and easy to navigate. We are already receiving positive feedback on future enhancements that users would like to see.

**Gareth Jones,**  
Project Manager  
Natural Resources Wales

## WHERE IT ALL BEGAN

In July 2015, Natural Resources Wales (NRW) replaced their system for Flood Risk Assets with Asset Management eXpert (AMX).

The AMX solution not only met their immediate requirements, it would also be flexible to respond to future business needs. On the award of the contract, a significant scoping project was carried out to agree the specific requirements of the system to fit NRW's existing business processes and help develop new ones. With a dedicated account manager and developer, the AMX Solutions team spent five months working closely with the NRW ICT team and the NRW Business Users Project Team, to customise AMX to meet NRW needs.

The first phase included importing data from a legacy system along with programming, scheduling and reporting asset inspections and defects with a map view of all assets and associated PSRA's.

Phase two incorporated new functionality for asset maintenance programmes including Mobile functionality for in field data capture on tablets and integration with NRW GIS and Document Management systems.

Phase three added stock control and maintenance functionality for all hydrology and telemetry equipment including asset ID, location, usage, annual testing and repairs.

Since NRW launched the system and are successfully using it for managing flood assets, several Lead Local Flood Authorities (LLFA's) have procured AMX to help manage their own Flood Risk Assets and use AMX report templates to complete their National Dataset Submission in line with NRW guidelines.

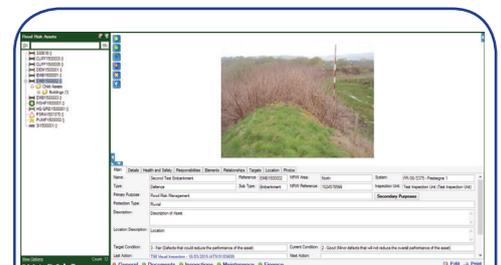


## Bringing it all together

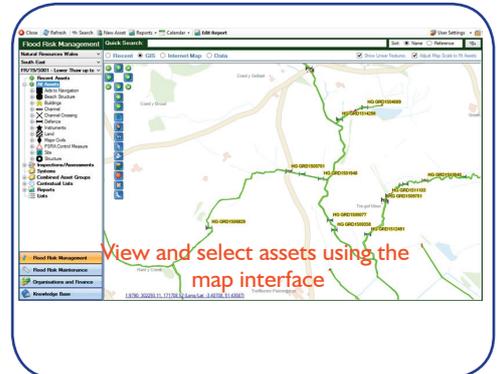
AMX is an easy to use, comprehensive system to manage all of the assets involved in Flood Risk Asset Management. AMX ensures not only that all local authorities have the maximum knowledge about flood risk and prevention in their own region; but also have the ability to provide essential data to national agencies, as part of a collaborative approach to reducing the impact of flooding on wider communities.

While incorporating a standardised approach to data gathering for this sector, AMX remains flexible enough for clients to tailor their system to support any local differences or unique requirements.

Whether you need to capture an extra data attribute or generate your own reports, AMX puts you in control, giving you the ability to improve efficiency, plan budgets and provide solutions while increasing public awareness and improving safety.



Comprehensive, easy to use asset inventory



View and select assets using the map interface

To arrange a demonstration of AMX for your organisation call 0333 456 0768 or email [info@amxsolutions.co.uk](mailto:info@amxsolutions.co.uk)

Bristol & Bath Science Park, Dirac Crescent, Emersons Green, Bristol, BS16 7FR  
Tel: +44 (0)333 456 0768 E: [info@amxsolutions.co.uk](mailto:info@amxsolutions.co.uk) [www.amxsolutions.co.uk](http://www.amxsolutions.co.uk)