PUBLISHING INFORMATION ON FLOODING.

Vincent Hussey
Office of Public Works
Whole of Government Approach to Managing Flood Risk

- 300 Communities assessed for their flood risk
- 127% of at risk properties can be protected by flood relief schemes
- 95% of at risk properties can be protected by flood relief schemes
- 40,000 Maps produced by the study
- 29 Plans prepared with measures to manage flood risk nationwide
- 33 Flood relief schemes underway to protect 12,000 properties
- 118 Flood relief schemes proposed to protect 11,500 properties
- €485m investment to date
- €1bn funding available to 2027
- 42 Flood relief schemes completed, protecting 9,500 properties
- 500 Minor work schemes completed by local authorities protecting 6,500 properties
- 10 Year Programme of Future Investment

Other measures in place:
- Planning guidelines
- Emergency response
- Ongoing Arterial drainage
- Maintenance benefitting 550,000 acres of agricultural land

Other measures under development:
- Flood forecasting
- Individual property protection
- Community resilience
- Schemes are adaptable for climate change

www.floodinfo.ie
Amalgamated Power Engineering

From Wikipedia, the free encyclopedia

Amalgamated Power Engineering was a British engineering holding company, created through the 1968 merger of W.H. Allen, Sons and Co and Belliss and Morcom.[1]

In 1966, the receiver of Crossley Brothers of Manchester,[2] sold the Crossley-Premier Engines and Furnival and Co businesses to Belliss and Morcom (B&M) of Birmingham, West Midlands.[1] In 1968 B&M agreed a merger with W.H. Allen, Sons and Co of Bedford,[3] to form Amalgamated Power Engineering (APE), 60% owned by Allen's shareholders (which included William Foster & Co.) and 40% by Belliss and Morcom; which instantly became a leading manufacturer of engines. In 1968, APE reached agreement with Cooper-Bessemer to allow C-B to sell APE's gas treatment plant worldwide. In 1969, APE's Allen Gwynnes Pumps subsidiary acquired the industrial pumps business of Vickers plc based in Barrow in Furness.

After a difficult period in the 1970s, when due to ongoing losses APE sold a number of subsidiaries, in 1981 APE was acquired by Northern Engineering Industries plc, based in Gosforth, Newcastle upon Tyne.[8] NEI shut most of the old central-Birmingham factories, consolidated the products around compressors, and moved B&M to Redditch. NEI itself was then acquired by Rolls Royce plc in 1989.[9]
ISSUES – WILL WE BE ABLE TO READ IT IN 10 YEARS?

http://www.coastalhelicopterview.ie/imf5104/imf.jsp?site=Helicopter
ISSUE – CAN WE REUSE THE DATA
APPROACH

- Open Standards
- Open Data
- FOSS stack
OPEN STANDARDS

OGC

WMS
Watch this space
Some complicated risks and issues
Careful rollout
Restrictive license

OPEN DATA
- Django
- Nginx
- Gunicorn
- Postgis
- GWC
- Geoserver
- QGIS
- Also
  - FME
  - ArcGIS

**FOSS STACK**
STATISTICS

- 20 Gb of vector mapping
- 40,000+ pdf maps
- > 300 publications
THANK YOU