

ERA NET CRUE

Flood Incident Management – A FRAMEwork for improvement (FIM FRAME)

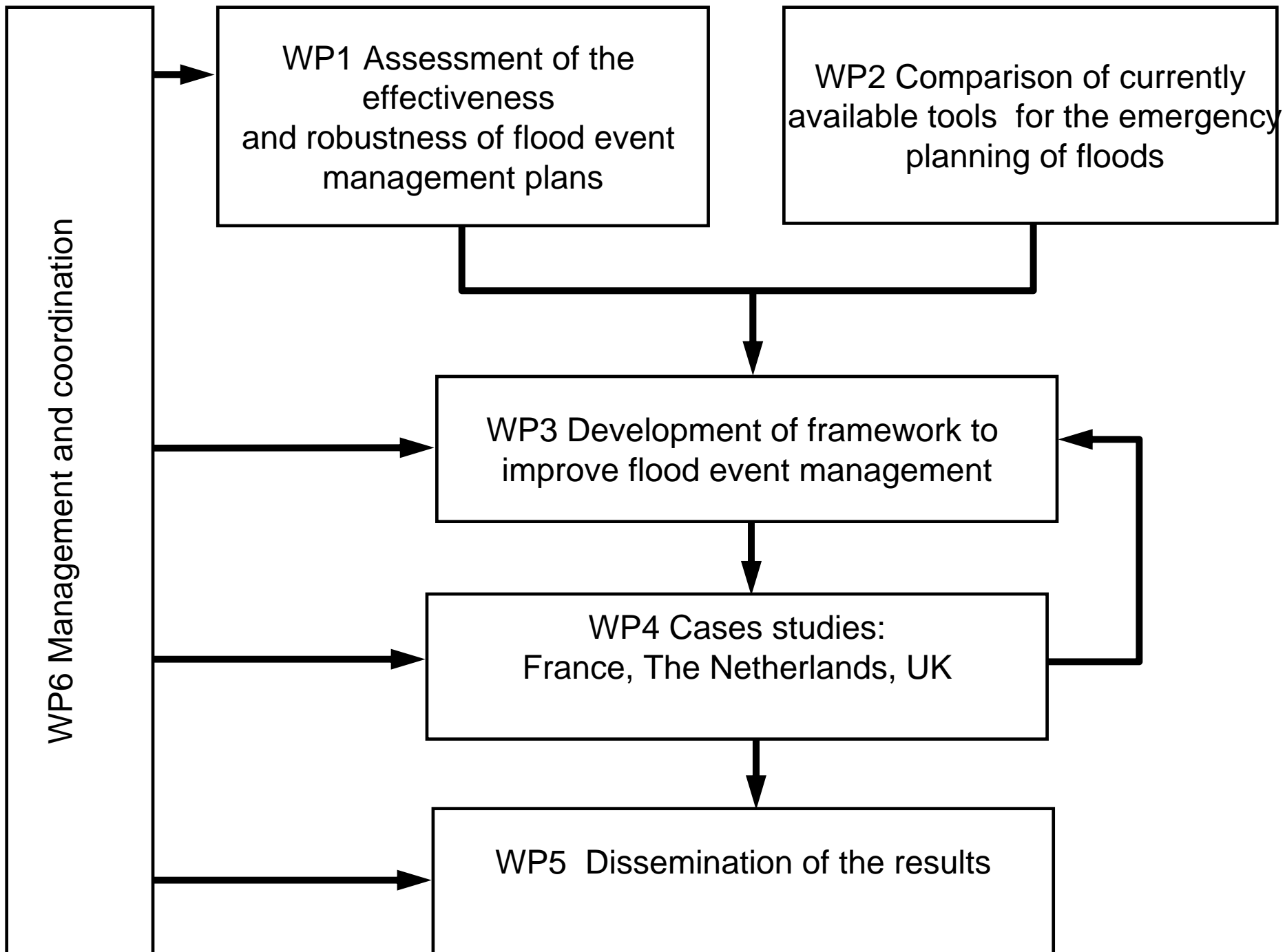


- To assess the effectiveness and robustness of current flood event management plans in the UK, The Netherlands and France and to assess methods by which the plans can be improved
- Evaluate the current tools that are used for flood event management planning and the ability of these tools to support the management of future flood emergencies
- To establish how currently available tools can be used to improve emergency management plans for floods and whether there are any gaps in the available tools
- To provide a framework by which flood incident management can be improved that will be tested in a case studies in France, The Netherlands and the UK

- HR Wallingford - Coordinators
- Deltares (Formerly Delft Hydraulics) – The Netherlands
- Gestion des Sociétés, des Territoires et des Risques (GESTER), University of Montpellier III, France
- Laboratoire des Ponts et Chaussées (LCPC), Nantes, France



- WP1 Effectiveness and robustness of flood event management plans
- WP2 Comparison of currently available tools for the emergency planning of floods
- WP3 Development of framework to improve flood event management
- WP4 Case studies utilising the developed framework to improve emergency plans
- WP5 Dissemination of the results
- WP6 Coordination

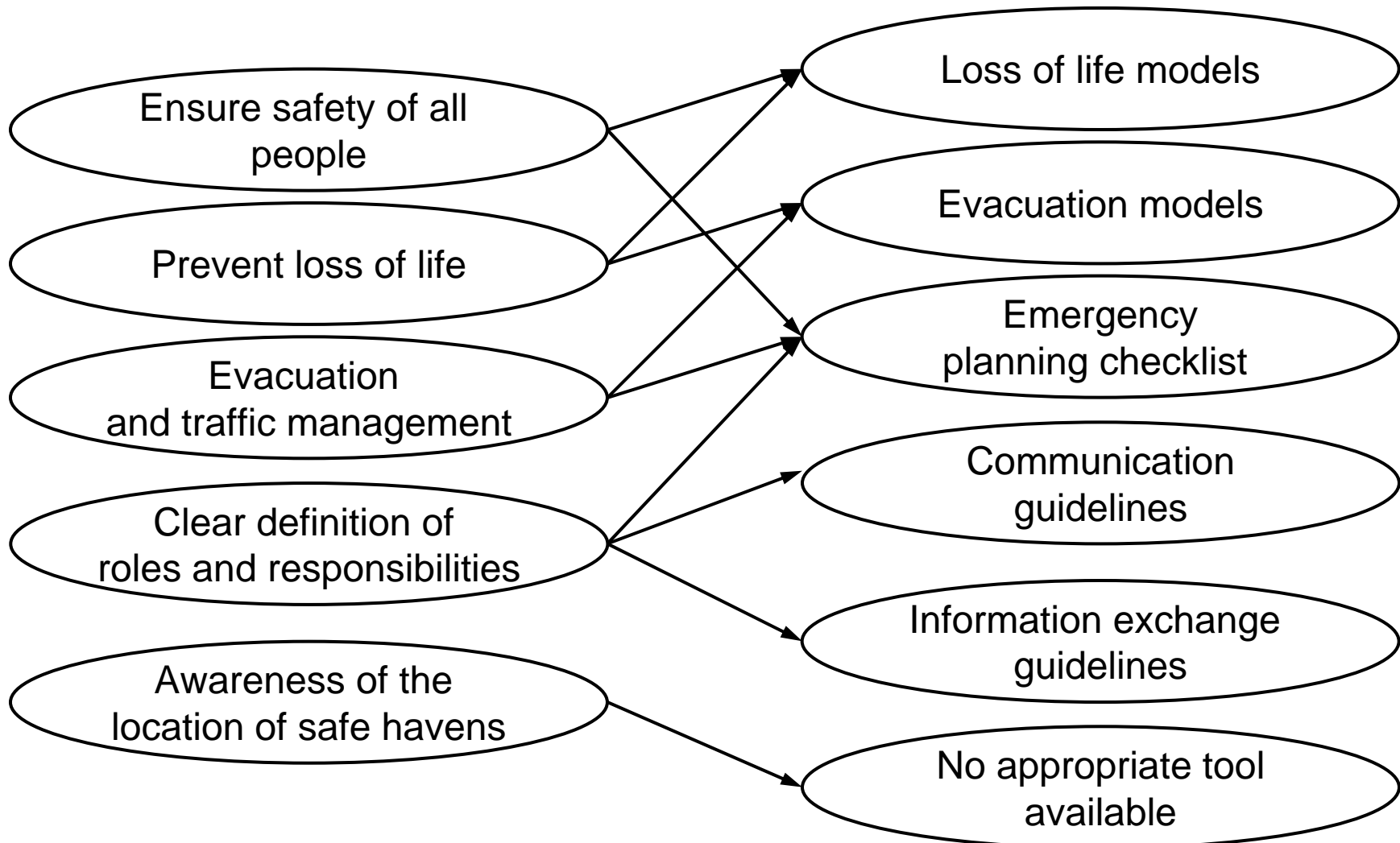


Metric	“Particularly poor” emergency plan	“Typical” or “average” emergency plan	“Especially good” emergency plan
Evacuation routes	Undefined	Main escape routes established	All routes defined and evacuation times estimated
Traffic management	No traffic management measures defined	Plans for implementing traffic management	Detailed traffic management planning undertaken
Shelters/Safe havens	No safe havens indicated in plans	Safe havens shown on a map	Safe havens shown on a map with their capacity and facilities
Arrangements for water supply and power	No alternative arrangements for water and power supply	Plans to provide water browsers/generators in place	Temporary improve the resilience/resistance of water/electricity supply
Vulnerable population	Areas of vulnerable population not defined	Areas where elderly/sick people live mapped	Numbers of vulnerable people defined with a response strategy
Media management	No media management strategy in place	Media management strategy in place	Well defined media management strategy
Emergency equipment provision	No emergency provisions defined	Some emergency equipment not defined	All relevant equipment available and in place

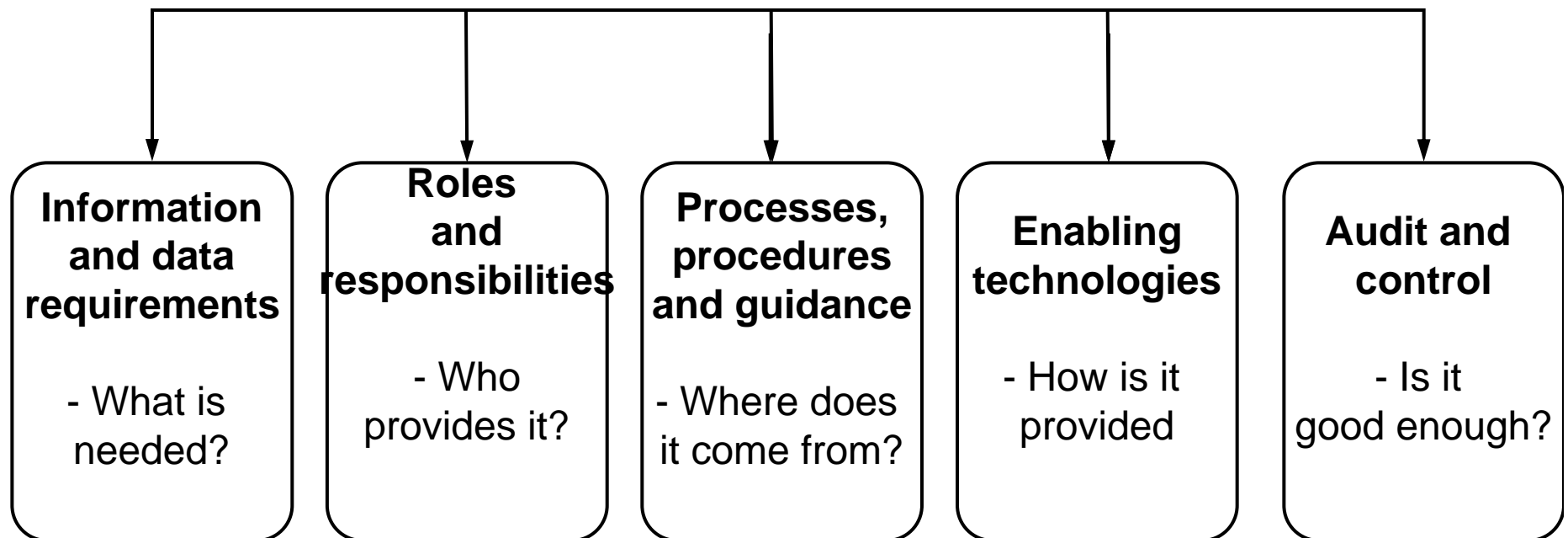


Flood event management plan metrics

Tools currently available



Information management *The five principles*



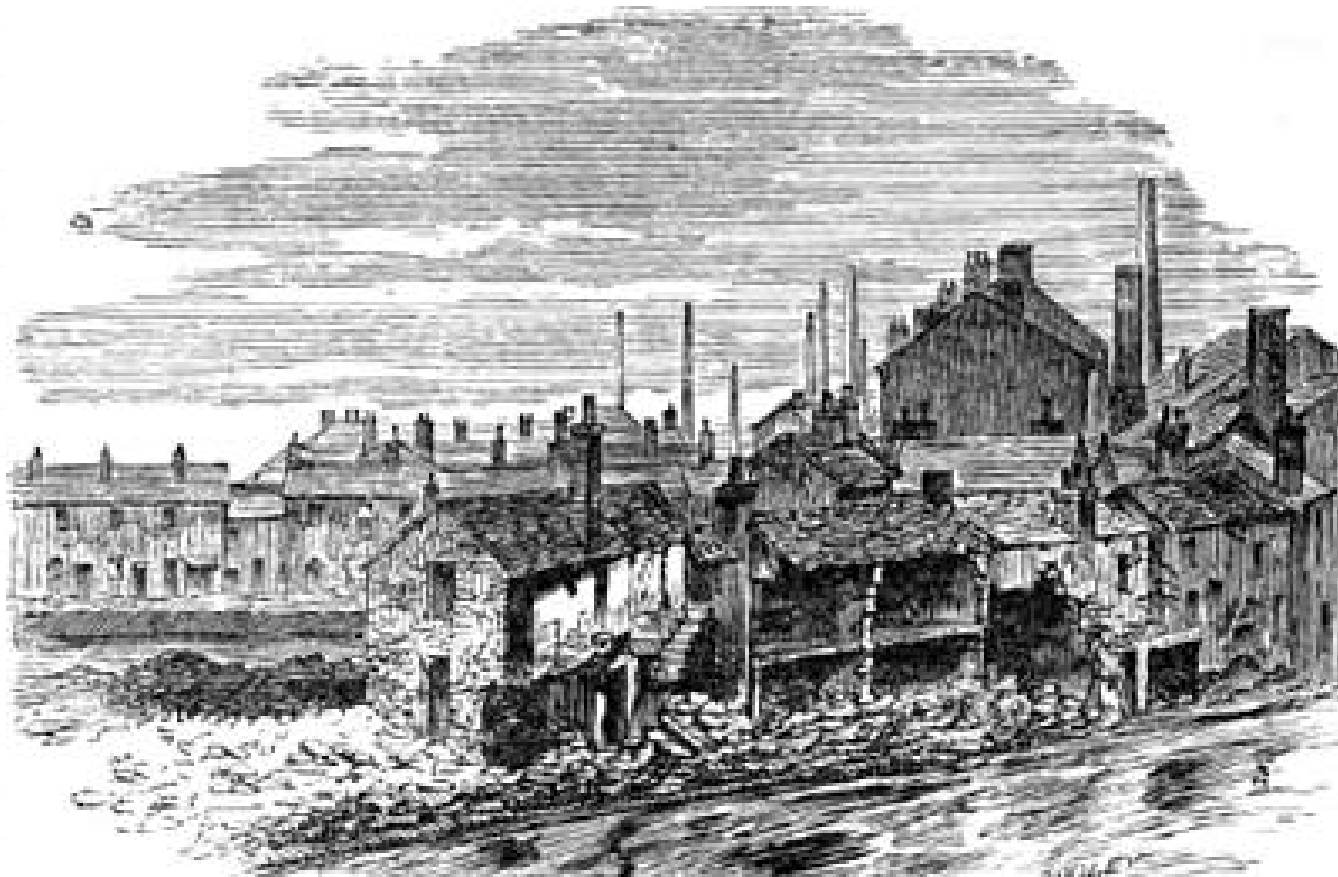
Orb Basin and the Gard Region, France



Dordrecht, The Netherlands

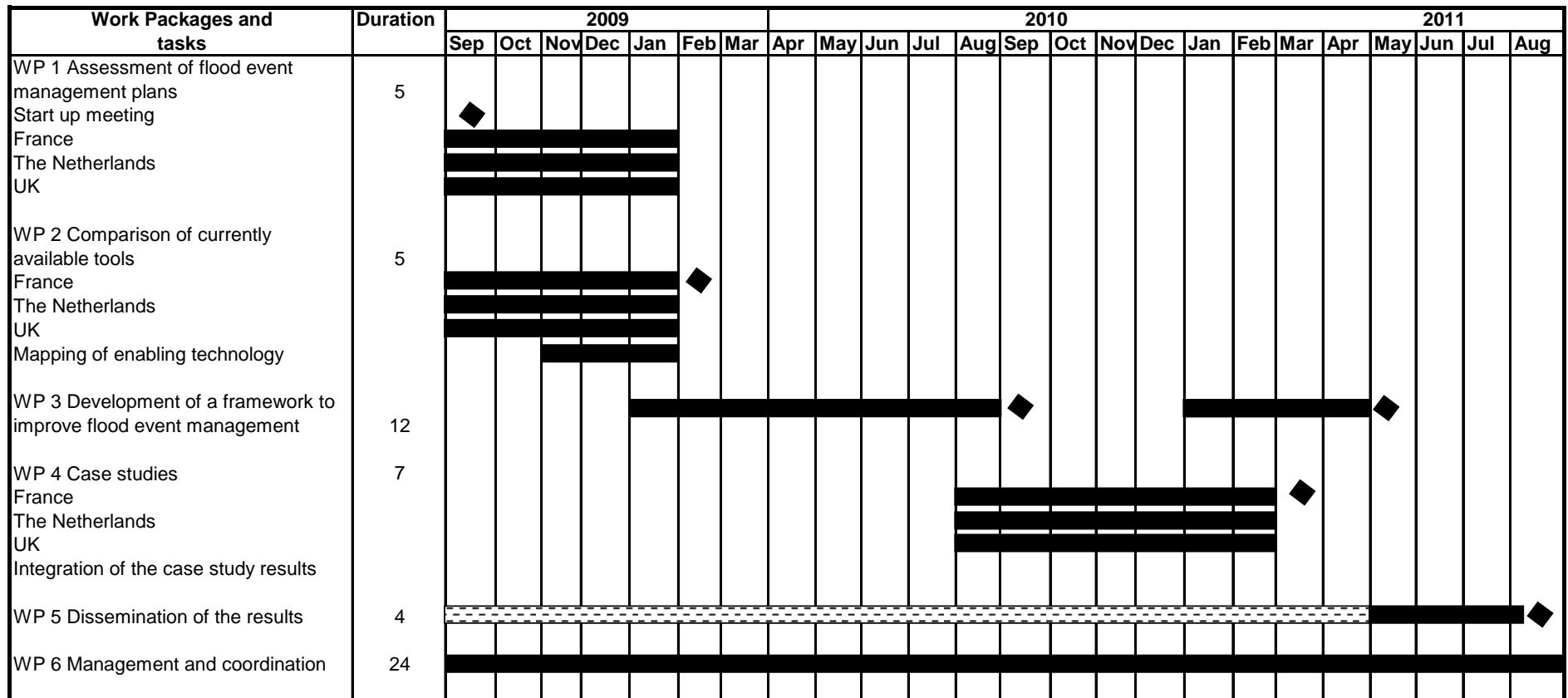


Sheffield, UK



- An interim report summarising the assessment of existing flood incident management plans “around the partner countries” - including gaps and deficiencies
- An interim report describing the available tools that can be and are being used for emergency planning and management. within the partner countries
- An interim report on the case studies - describing the application of best practice to three case studies, including feedback from the case studies

- A final report that will summarise the outputs contained in the previous interim reports, in addition to outlining a new high level framework for flood incident management.
- A guidance document on models and tools for improving Flood Incident Management planning - using examples from the earlier reports; this will be provided as an annex to the final report to facilitate ease of dissemination



◆ Key milestone WP activity ■ Ongoing activity ▨

