

# Notifications for real-time demonstration

EDERA Workshop - Madrid, 07-8 May 2024

# Real-time compound impact forecasting for CPAs

Combining hazard and impact forecasts, official warnings and exposure and vulnerability datasets for compound impact forecasting to support coordination and cooperation of CPAs.



- Official NHMs warnings (Meteoalarm).
- Gauge-adjusted OPERA QPE.
- Probabilistic rainfall forecasts (0-120h).



- Storm hazard nowcasts (0-3h).
  - Hail.
  - Wind gusts.
  - Heavy rain.
  - Lightning.
- Storm impact nowcasts (0-3 h).



- EDERA pluvial flood nowcasts (0-3h).
- EDERA FF hazard forecasts (0-120h).
- EDERA FF impact forecasts (0-120h).
- EFAS flood forecasts.
- EFAS rapid risk assessment.
- Other flow observations & forecasts.



- Combined exposure map (1km):
  - Population density.
  - Transportation networks.
  - Energy, health, education infrastructures.
- Flood hazard maps (Floods Directive)
- Critical points in flood areas
- Other critical points.

Integrated through tailored notifications

# Notifications

Combining hazard and impact forecasts, official warnings and exposure and vulnerability datasets for compound impact forecasting to support coordination and cooperation of CPAs.

- Summarised over territorial units (depending on the level of CPA).
- Displayed in the list of notifications.
- Trigger of automatic messages (based on the thresholds and frequency defined by the user).

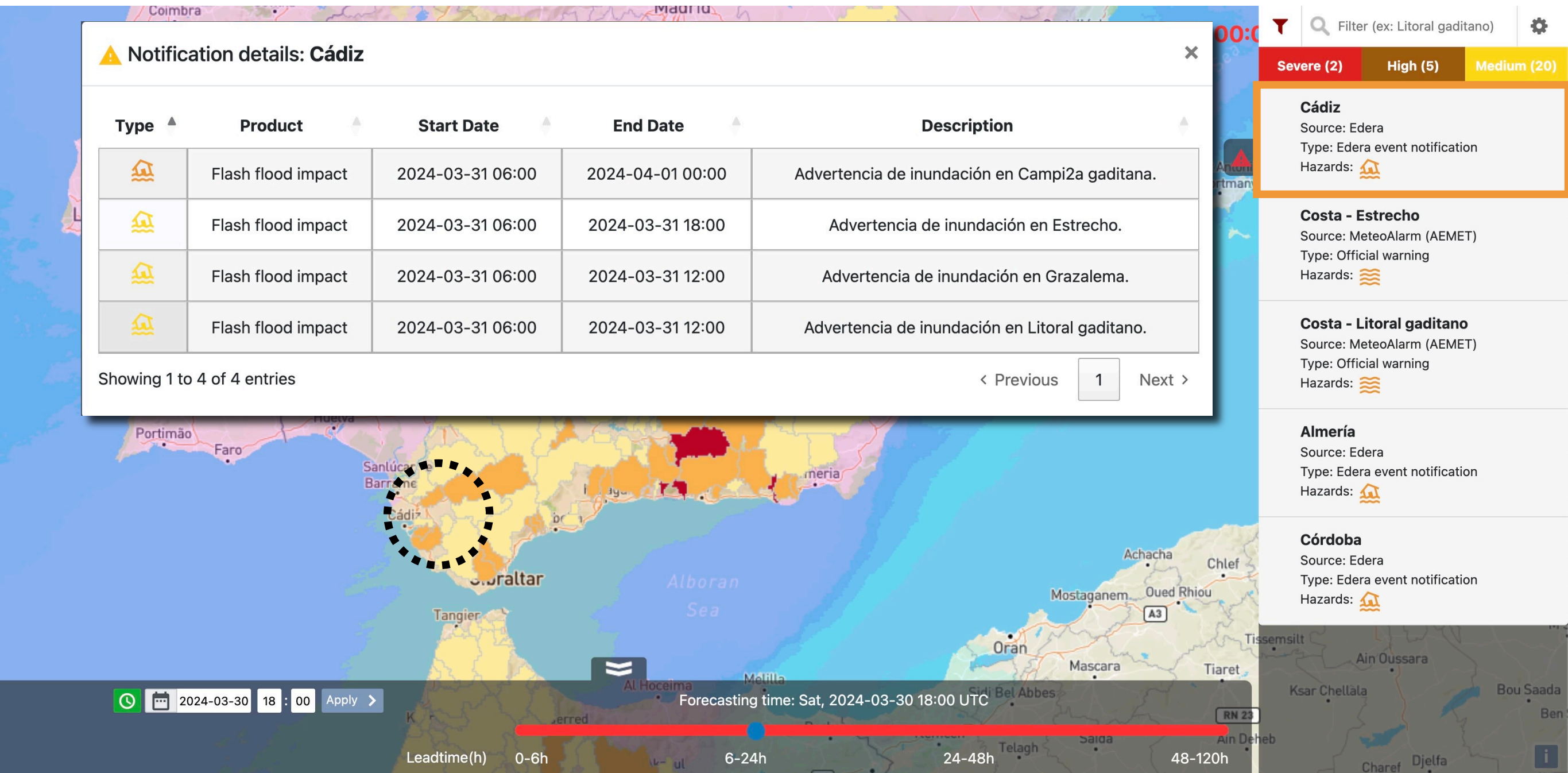
Examples:

- Official warnings (issued by the NHMs authorities).
- Directly based on the available real-time products.
- By dynamic combination of products and exposure datasets (e.g. significant flood hazard near a Seveso).



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## Notifications Updates

This email provides you with the latest updates on potential warnings related to your area. For more information you can access our [platform](#).

### Regions with new information:

The following regions have received new notifications.

- New level 3 warning for Almería.
- New level 3 warning for Granada.
- New level 2 warning for Granada.
- New level 3 warning for Málaga.

### Active notifications:

Detailed list of currently active notifications.


Warning Type	Source	Area	Level	Start time	End time
Flood	Edera product notification (Impact)	Málaga	3	March 30, 2024, 7 p.m.	March 31, 2024, midnight
Flood	Edera product notification (Impact)	Granada	3	March 30, 2024, 7 p.m.	March 30, 2024, 10 p.m.
Flood	Edera product notification (Impact)	Almería	3	March 30, 2024, 7 p.m.	March 30, 2024, 11 p.m.
Coastalevent	Official Warning (AEMET. State Meteorological Agency)	Costa - Litoral gaditano	2	March 31, 2024, 1 a.m.	March 31, 2024, 6:59 a.m.
Coastalevent	Official Warning (AEMET. State Meteorological Agency)	Costa - Estrecho	2	March 31, 2024, 1 a.m.	March 31, 2024, 7:59 a.m.
Coastalevent	Official Warning (AEMET. State Meteorological Agency)	Costa - Ceuta	2	March 31, 2024, 2 a.m.	March 31, 2024, 6:59 a.m.
Flood	Edera product notification (Medium range impact)	Granada	3	March 31, 2024, 6 a.m.	April 1, 2024, 6 a.m.
Flood	Edera product notification (Medium range impact)	Málaga	2	March 31, 2024, 6 a.m.	April 1, 2024, midnight


Filter (ex: Litoral gaditano)


Severe (2)


High (5)


Medium (20)

**Cádiz**  
Source: Edera  
Type: Edera event notification  
Hazards: 

**Costa - Estrecho**  
Source: MeteoAlarm (AEMET)  
Type: Official warning  
Hazards: 

**Costa - Litoral gaditano**  
Source: MeteoAlarm (AEMET)  
Type: Official warning  
Hazards: 

**Almería**  
Source: Edera  
Type: Edera event notification  
Hazards: 

**Córdoba**  
Source: Edera  
Type: Edera event notification  
Hazards: 

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