



# EFAS sub- and seasonal products

## We need you to make them better!

### Background

EFAS (sub)seasonal outlook products were introduced in November 2016 (seasonal) and December 2019 (sub-seasonal) but they have not evolved since.

### Opportunity

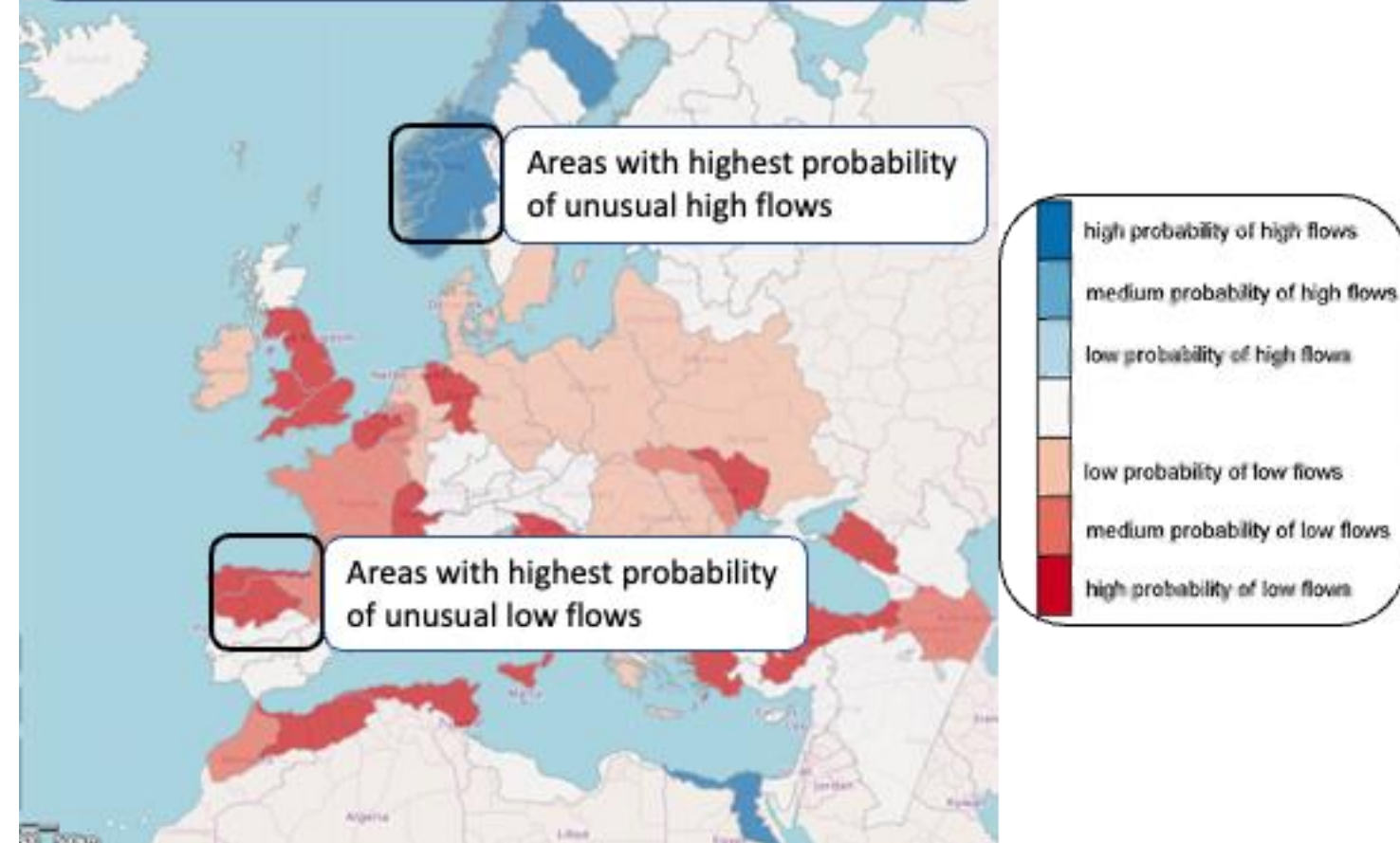
During 2024, we will be redesigning the CEMS-Flood sub-seasonal and seasonal products to make them more useful. We need your guidance to understand what works and what does not work, and what is missing

**Activity: add comments on a post-it with your suggestions for improvements**

### EFAS Seasonal products

Hydrological outlooks forced from ECMWF SEAS5 seasonal forecast system, updated monthly up to 8 weeks

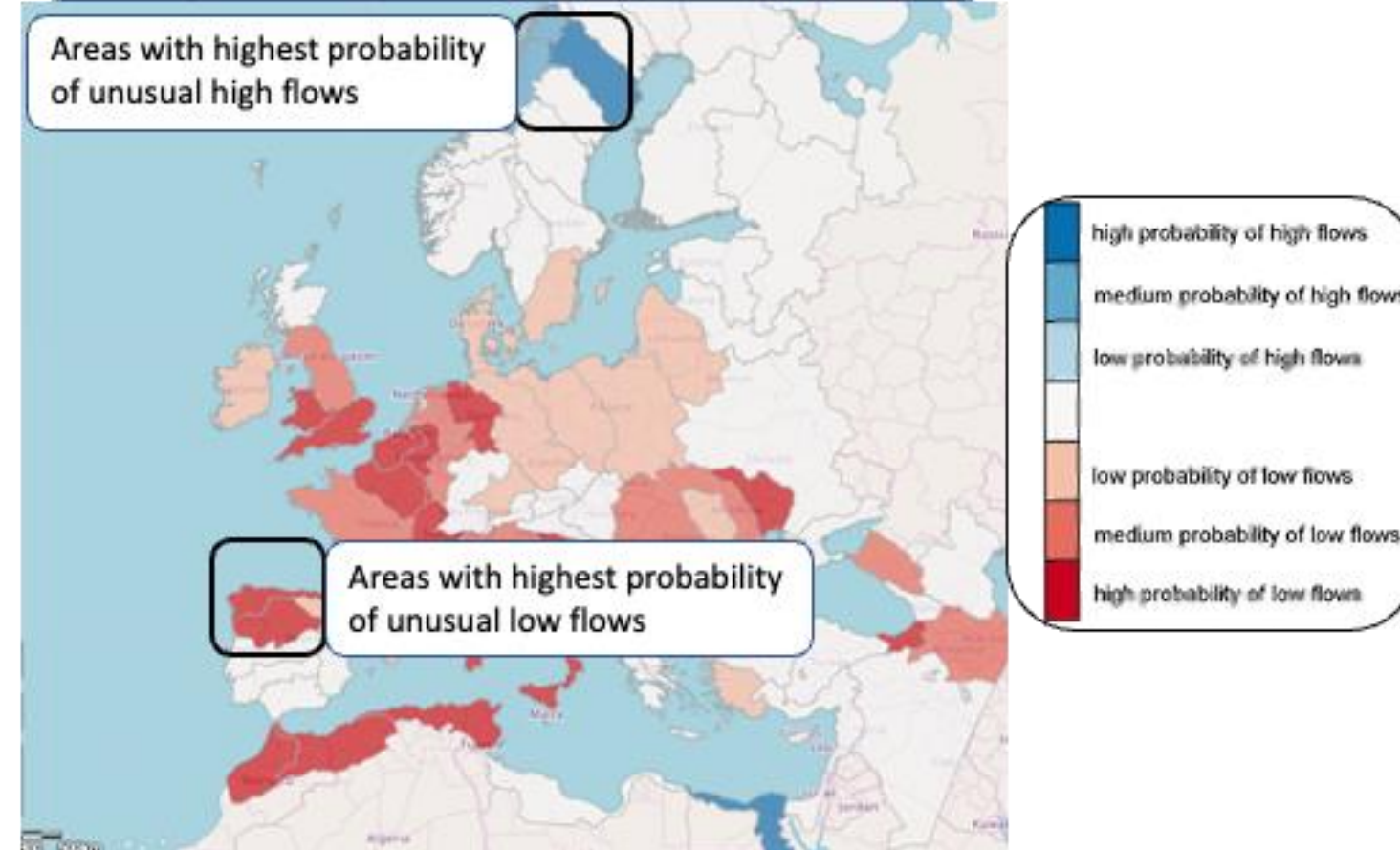
**Seasonal outlook.** Regional discharge anomaly over the forecast horizon, highlighting regions with highest or earliest probability of high (>90<sup>th</sup> percentile) or low (<10<sup>th</sup> percentile) discharge anomaly



### EFAS Sub-seasonal products

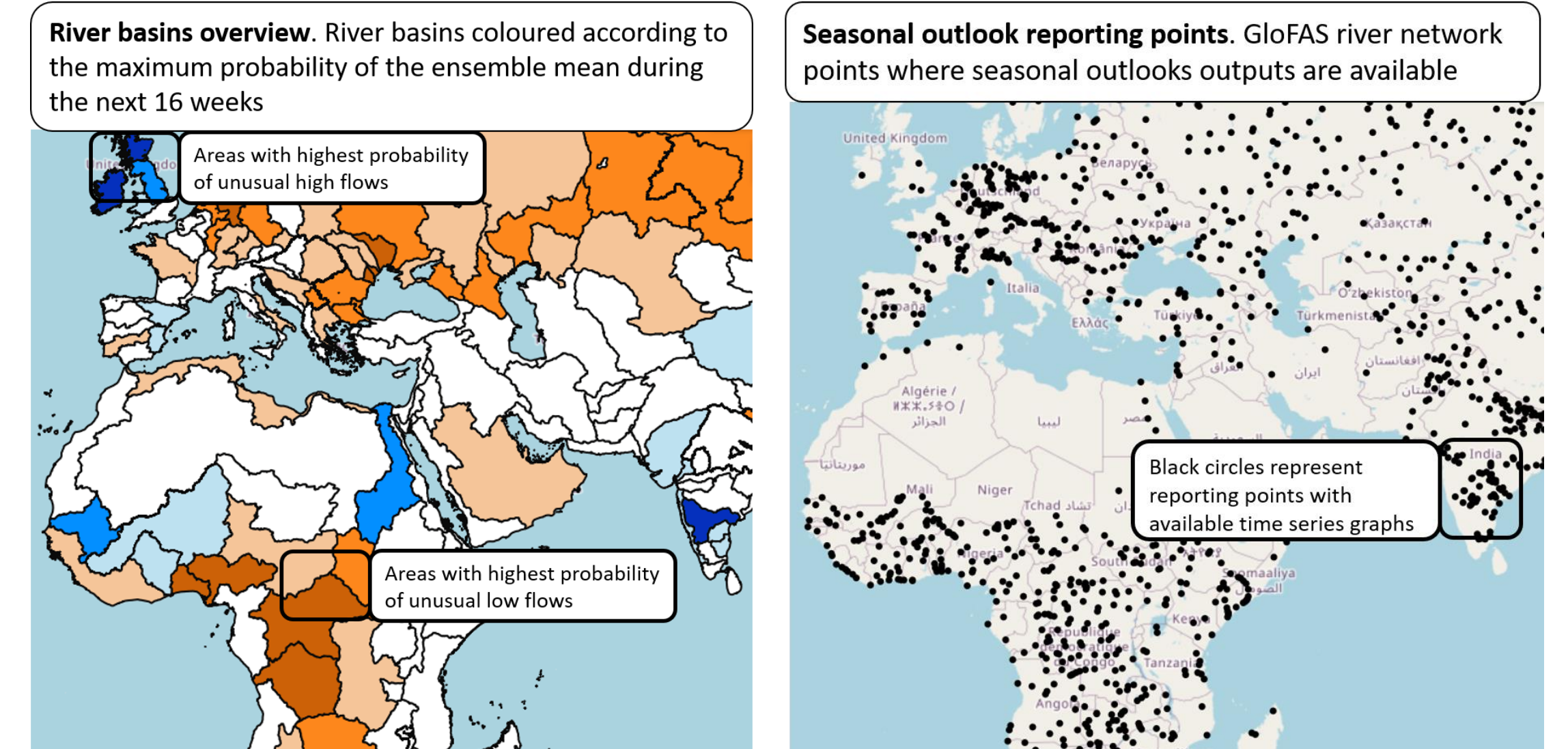
Hydrological outlooks forced from ECMWF extended range system, updated daily up to 6 weeks

**Sub-seasonal outlook.** Regional discharge anomaly over the forecast horizon, highlighting regions with highest or earliest probability of high (>90<sup>th</sup> percentile) or low (<10<sup>th</sup> percentile) discharge anomaly

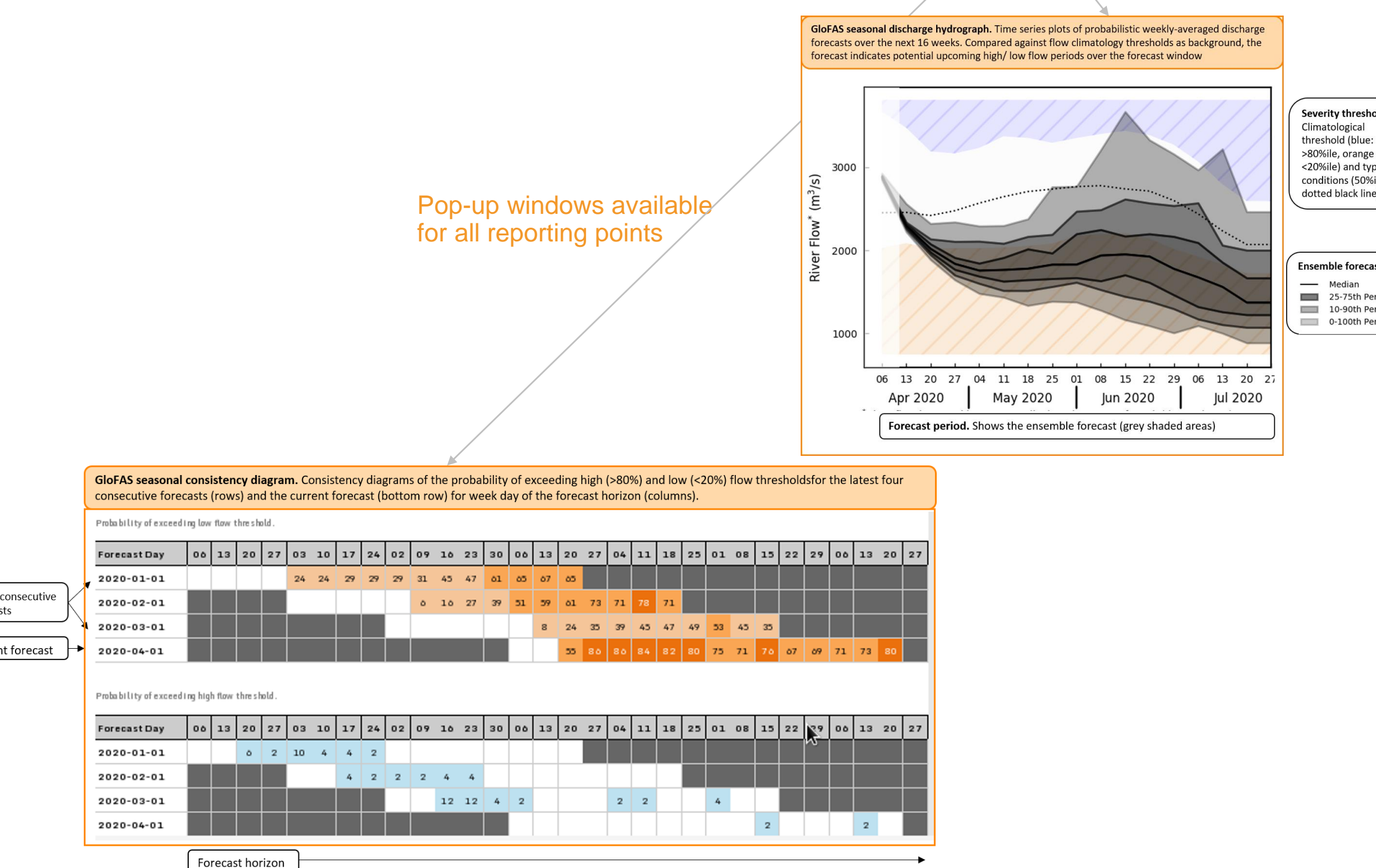
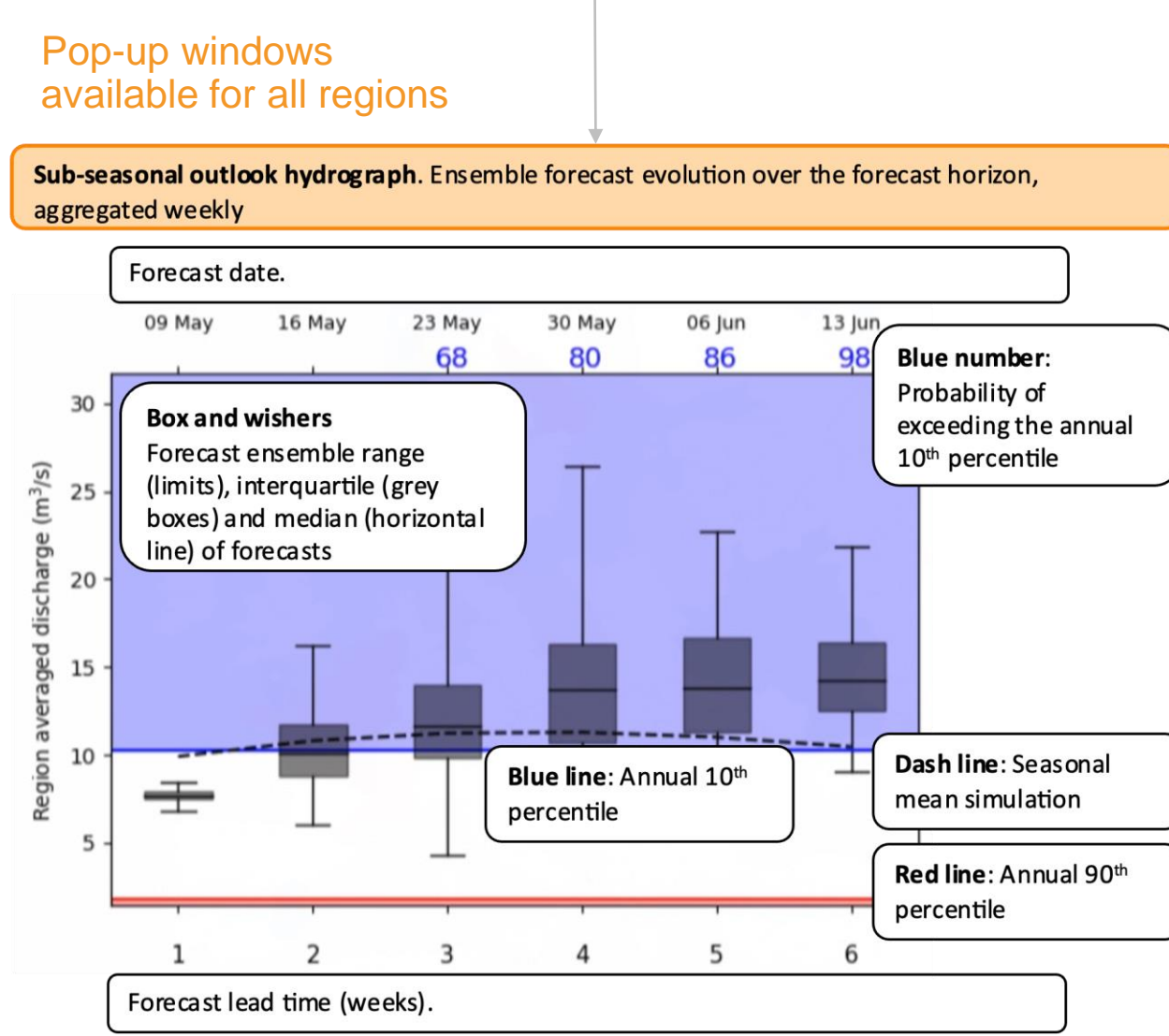
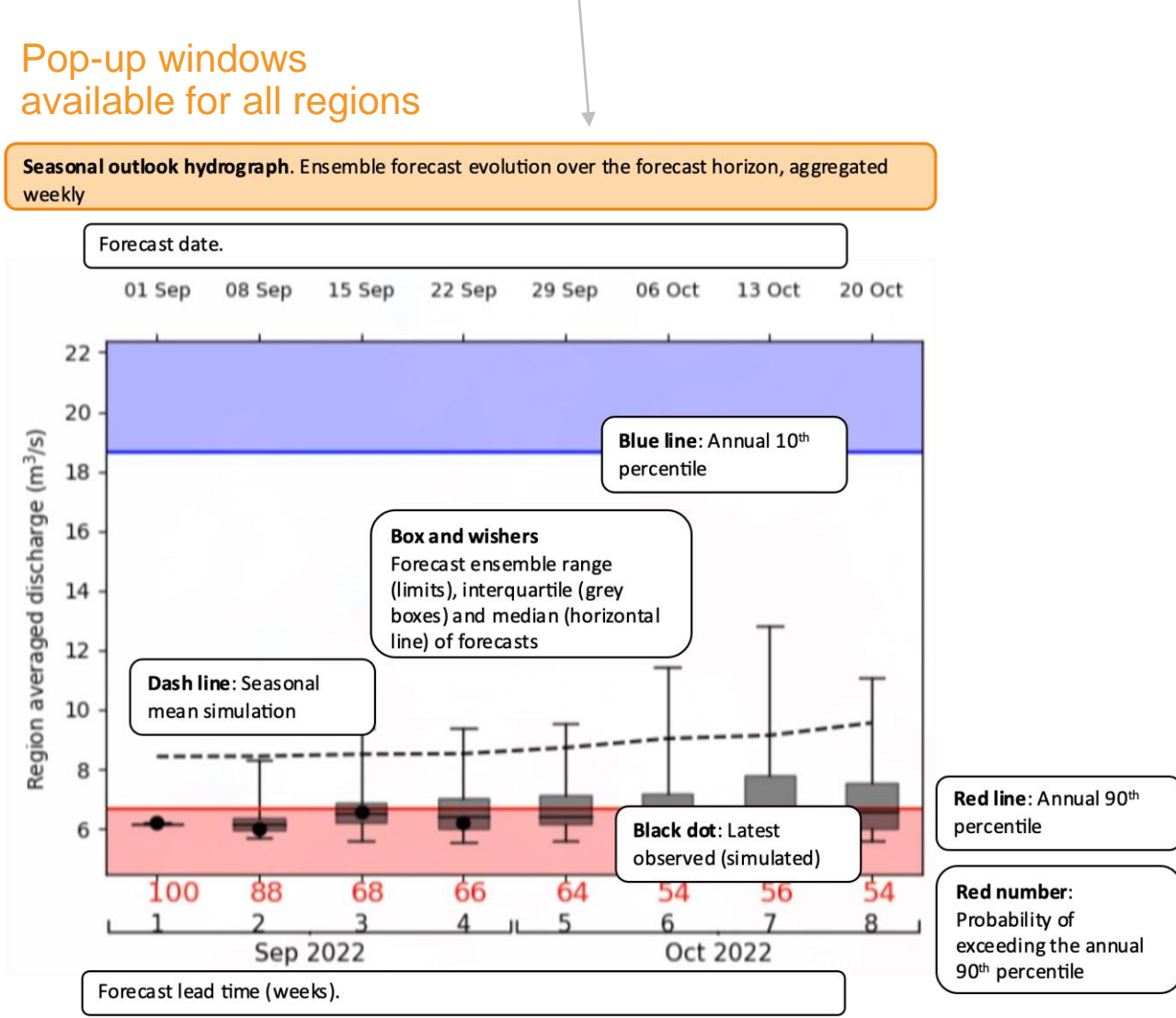


### Global Flood Awareness System Seasonal products

Alternative examples for new design/ content/ visualisation etc...



How could we make the products more useful?  
Is the visualisation useful to highlight floods/ drought outlooks?



Would you like some GloFAS products/ functionality be shown in EFAS?  
How could we improve them?

Are both products relevant to you? Which product has more value to you?

**River network overview.** Cells of the model river network for upstream areas >1000km<sup>2</sup> coloured according to the maximum probability of the ensemble mean during the next 16 weeks

