

## WG10 - 1

HEPEX planning should not be limited by currently available computer power – look to the future while going ahead now with development and demonstration of probabilistic products.

## **What needs to be done to be sure that HEPEX results are likely to be useful?**

- Communicate what HEPEX is
- Understand customer requirements
- Understand customer capabilities for absorbing the results
- Market successful applications and demonstrations
- Focus on specific situations where results can be shown to be useful
- Make a survey of the existing decision making procedures that are used.

## **What needs to be done to be sure that HEPEX results are likely to be useful?**

Motivate consultants to promote probabilistic products.

Invite consultants and value-added providers to market HEPEX.

Include environmental and regulatory agencies in HEPEX – they can help to create a paradigm shift towards more realistic understanding of the environment and more enforceable regulations.

## WG10 - 4

- **What should be done to help users to use probabilistic forecasts?**
  - sponsor and support educational activities, aimed at hydro-met agencies and regulators
    - Education of staff, e.g. of water authorities
    - Develop demonstration toolbox, e.g. for post-processing ensembles
  - create simple probabilistic measures, e.g. prob. exceeding thresholds
  - Create game-type examples, e.g. based on gambling
  - Include social science expertise to help developing this

**• What needs to be done to facilitate product development?**

- Clarity of objectives
- Create customer demand through e.g. legislation, demonstration of profitability
- Regulators should understand that it's a viable technology
- Readily available and usable computer outputs, incl documentation
- What products do we develop?