

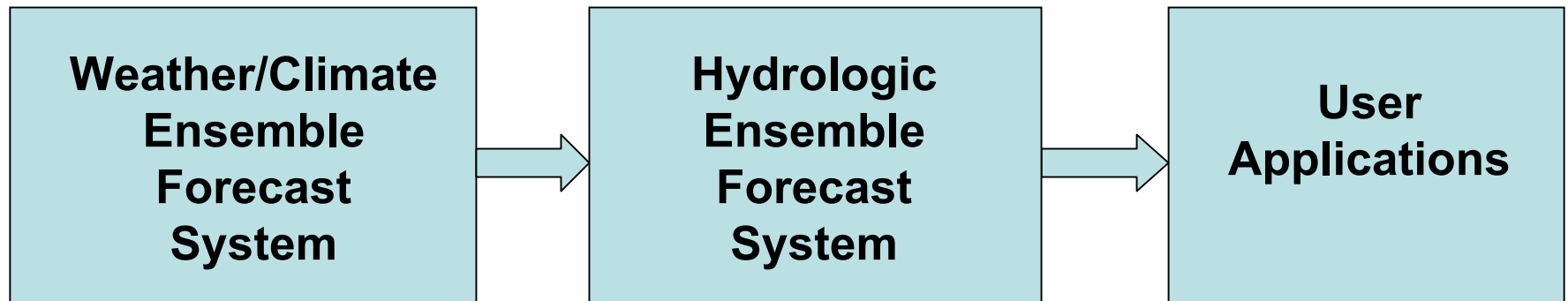
Working Group Instructions

- Review HEPEX goal
- Review possible HEPEX activities
- Suggestions for changes/additions
- Suggest objectives for this group
- Suggest activities for this group
- Produce brief report
 - 2 slides for plenary
 - 1-2 page supporting text

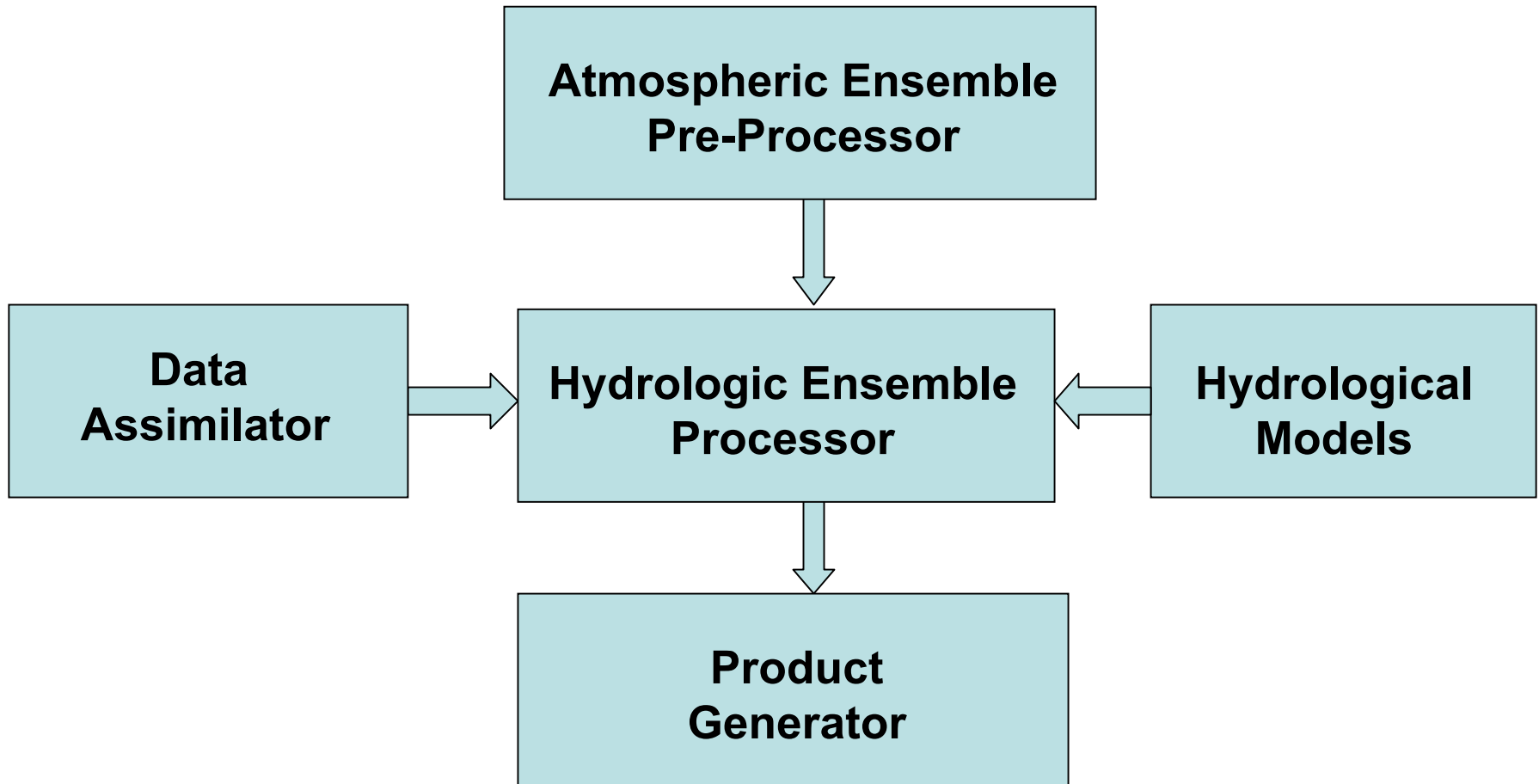
HEPEX Goal

- Bring the international hydrological and meteorological communities together to demonstrate how to produce reliable “engineering quality” hydrological ensemble forecasts that can be used with confidence by the emergency management and water resources sectors to make decisions that have important consequences for the economy and for public health and safety

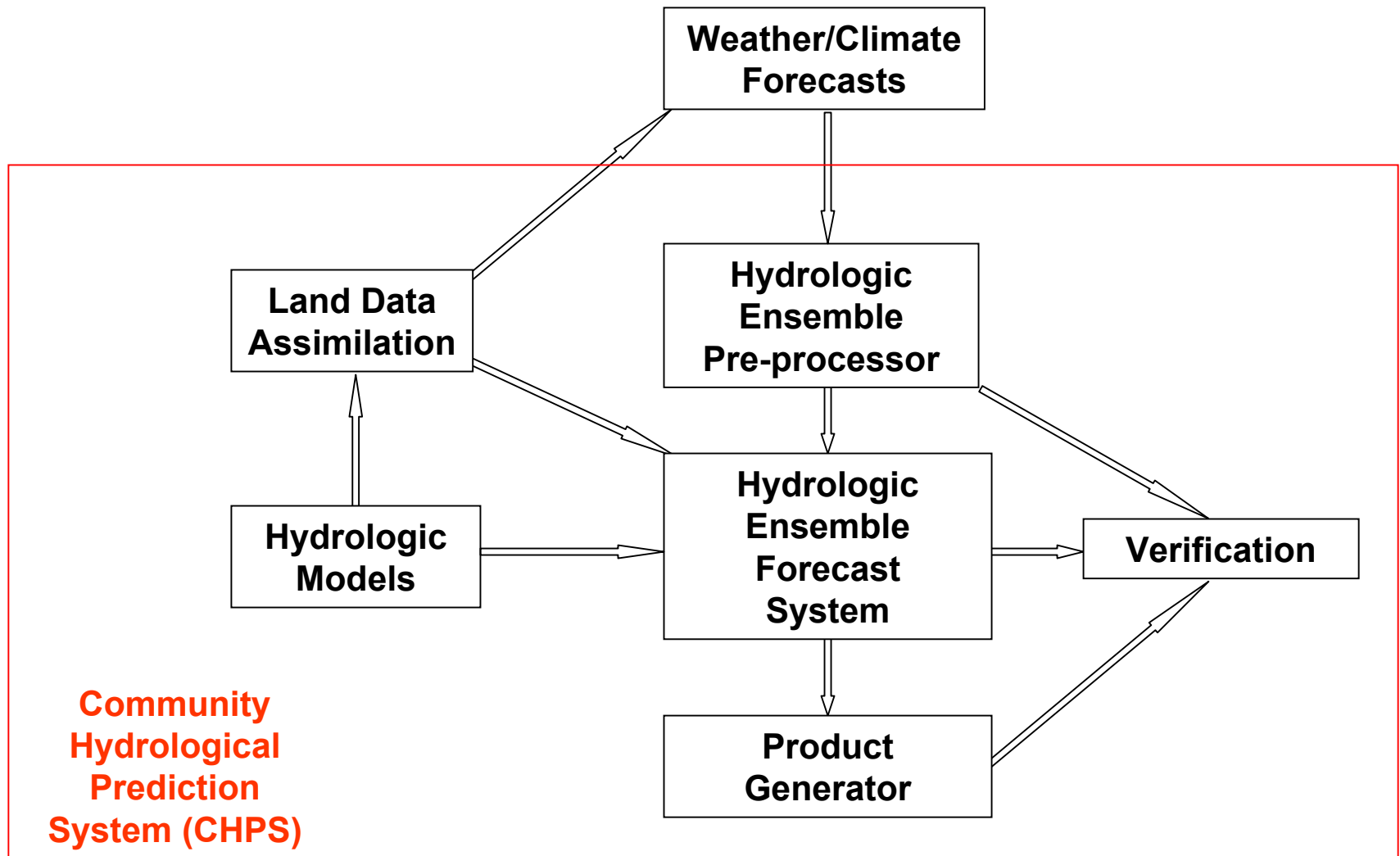
HEPEX Basic Building Blocks



Elements of a Hydrologic Ensemble Prediction System



HEPEX Components



Potential HEPEX Contributions

- Science and Implementation Strategies
- Sub-projects for key elements
- **CHPS (Community Hydrologic Prediction System)**
 - Integrate scientific contributions
 - Accelerate infusion into operations
 - Demonstrate achievement of HEPEX goal

Potential HEPEx Contributions (Cont'd)

- Test-beds, Case studies, Inter-comparisons, Workshops
 - Meteorological Ensemble Forecasts
 - Re-scaling/Downscaling
 - Hydrological Ensemble Forecasts
 - Modeling Hydrologic Uncertainty
- Scientific results
 - EGU/AGU/AMS/IAHS/etc – Special Sessions

Potential HEPEX Contributions

(Cont'd)

- Education/Dissemination/Product design/Outreach
 - Workshops
 - Applications Case Studies
- Supporting Data Sets
 - Ensemble Re-forecasts
 - Corresponding Observations
 - Others