Transport in Atmosphere

- Uplift
- Atmospheric Transportation
- Deposition

- Initial distribution
- Local movement

Source
- Profiling aphid migration threat
- Source distribution and/or source plant host maps
- Modelling aphid phenology and movement triggers

Data collection/surveillance
- Aerial Sampling
- Mapping/data analysis

- Atmospheric transport modelling
- Natural Pathway analysis

Initial distribution
- In-field crop surveillance
- Aphid immigration risk maps

Local movement
- In-field surveillance for further local outbreaks
- Plant host maps
- Secondary dispersal modelling

Simulation modelling