



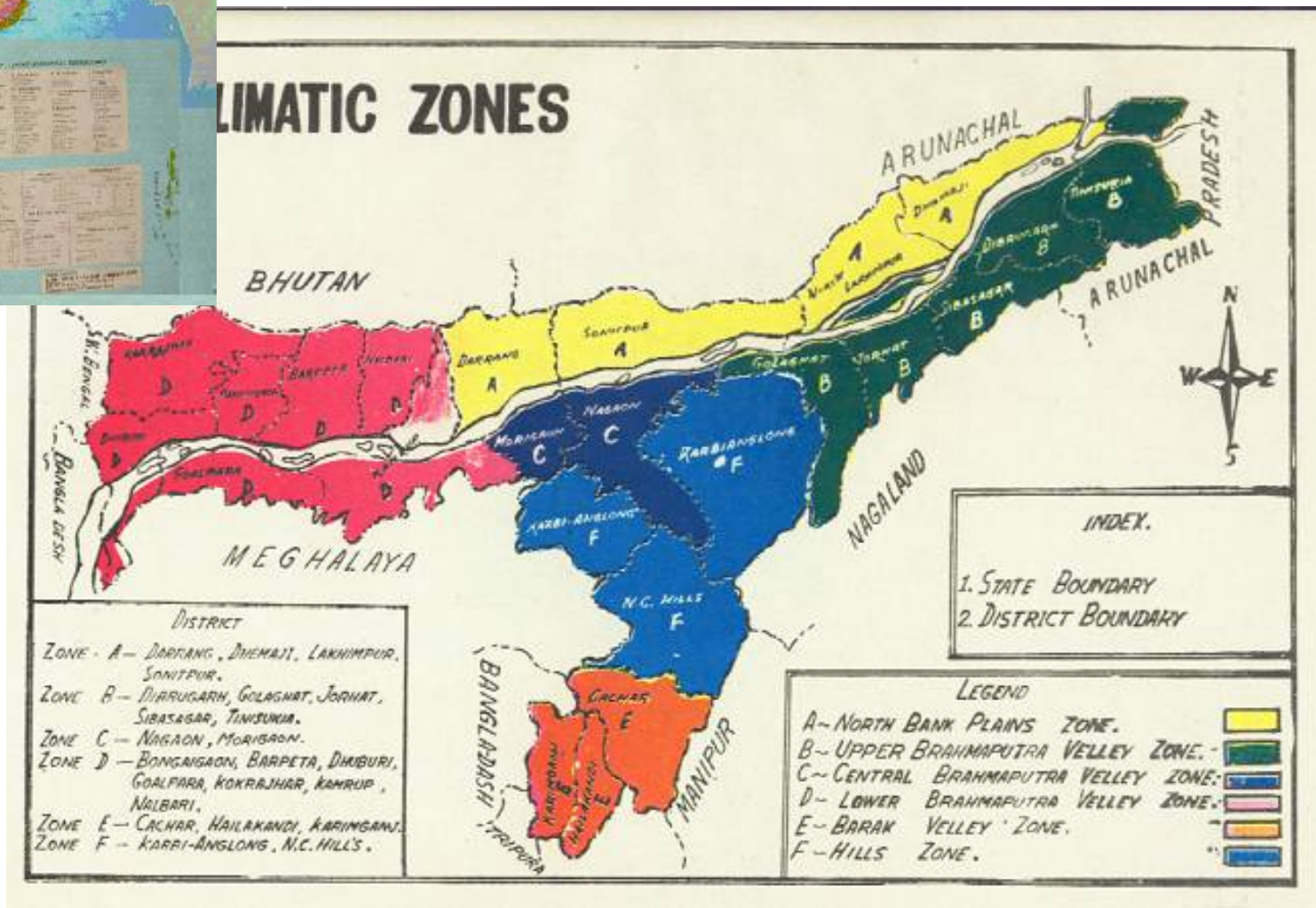






**Work initiated on
Ricebean at AAU**

Germplasm Collection : acc. No. 50



Morphological Characteristics

Leaflet shape: Ovate to rhomboid

Terminal leaflet shape

* **Apex:** Accuminate to Cuspidate

* **Base :** Rounded , Obtuse , acute

Terminal Leaflet blade

* **Length:** 5- 9 cm

* **Breath:** 5-7.5 cm

Leaf Pubescence: Puberulent- Pubescent

Petiole colour: Light green, Green, Yellowish green,
Purplish green

Petole length: 5-13.5 cm

Leaf colour : Light green, Yellowish green, Green

Primary leaf colour: Light green to Green

Pulvinous length: 4-11mm

Pulvinous colour: Green, light green,
purplish green

Petioluli length: 1.5 to 2.5 cm

Pulvinuli length: 2-5mm

Petiole hair: Pubescent, Tomentose



Pubescence in young stem, petiole and tender leaf



Morphological Characterization

Group discussion is very much essential to

- Formulate the Work schedule
- Maintain the Uniformity in data recording



Plan for the present proposal

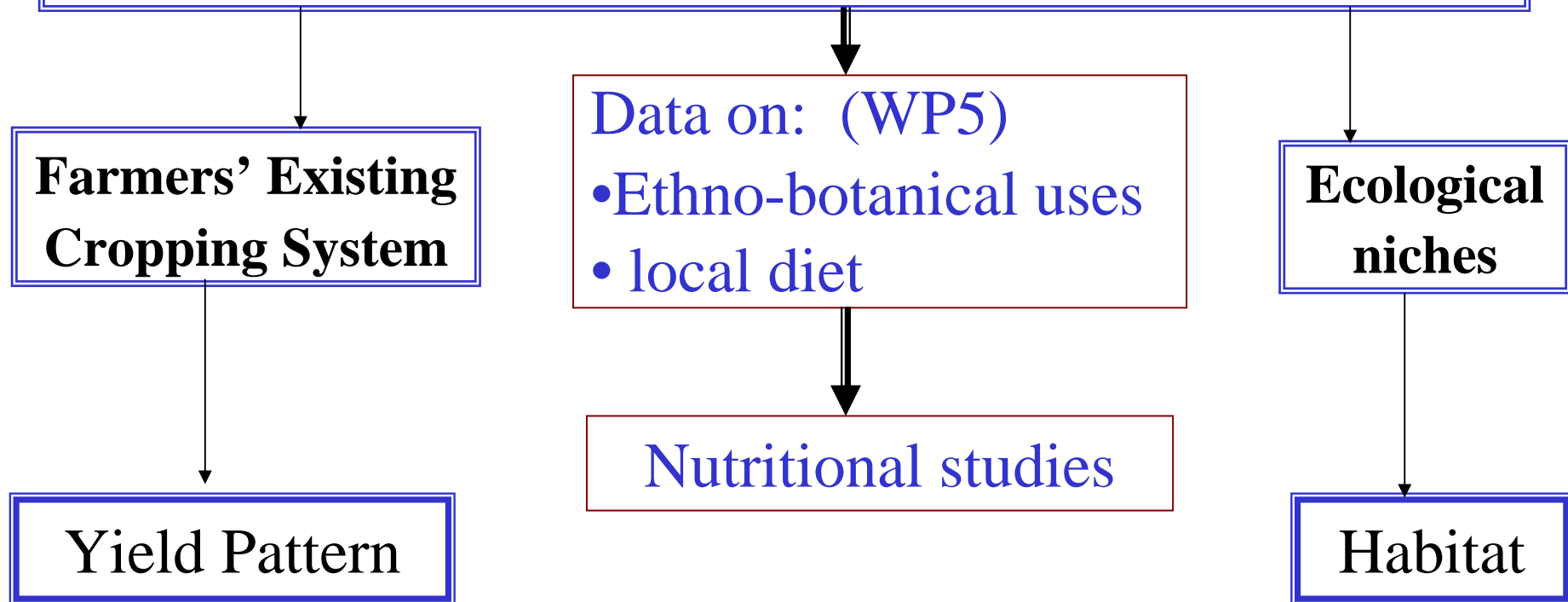
WP1: Supply-chain, consumer demand and marketing

- Co-ordinating centre: **CAU Kiel**
- Supporting centres:
 - » **GVT (West)**
 - » **HPKV (North)**
 - » **AAU (East)**
 - » **LI-BIRD (Nepal)**

Necessary technical suggestion will be required for AAU

WP2: Assessment of genetic diversity and indigenous knowledge

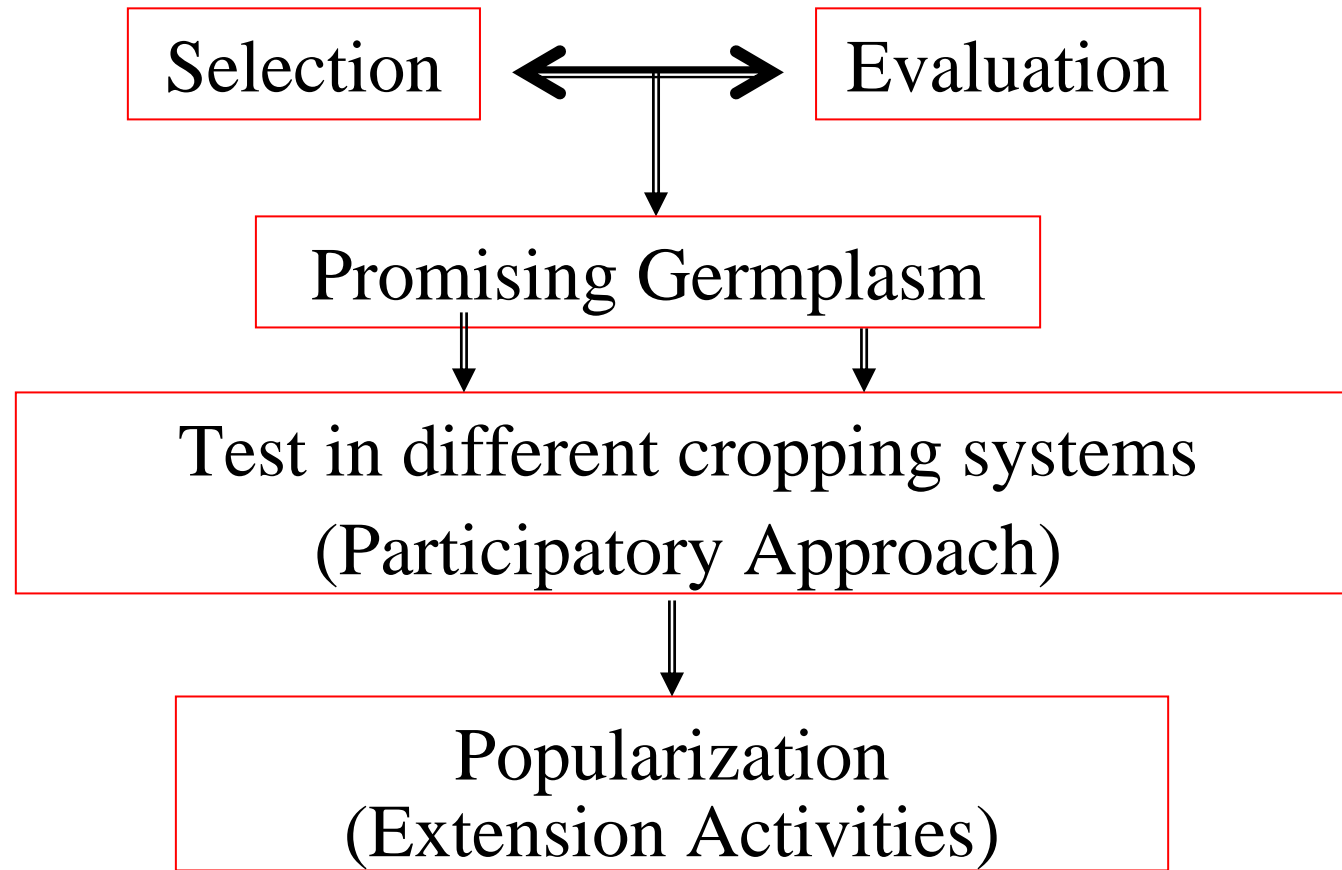
Germplasm collection & diversity assessment



WP4 Germplasm characterization & adaptation

- 1. Maintenance of Collected Germplasm**
- 2. Morphological characterization**
- 3. Taxonomic evaluation**
 - Groupism & Classification
 - Rank
 - Identification Key
- 4. Phyto-geographic significance**
 - Continuous distribution
 - Disjunct distribution
 - Endemism
 - Suitability to diverse environment
- 5. Phenology in respect of diverse environment**

Selection and Adaptation



Data & materials collected through WP2 will be utilized

Marketing Activities
Product development

- Strategic
- Tactical
- Operational

FOOD SECURITY

Help Required (Working Group)

- Taxonomist
- Agronomist
- Biochemist
- Extension Specialist



Thanks