



# ICIS Activities Nunhems 2005 - 2006

May 2006 (CIMMYT)  
Casper aan den Boom



**ICIS Workshop 2005**  
21-25 February - Nunhems - the Netherlands



nunhems®

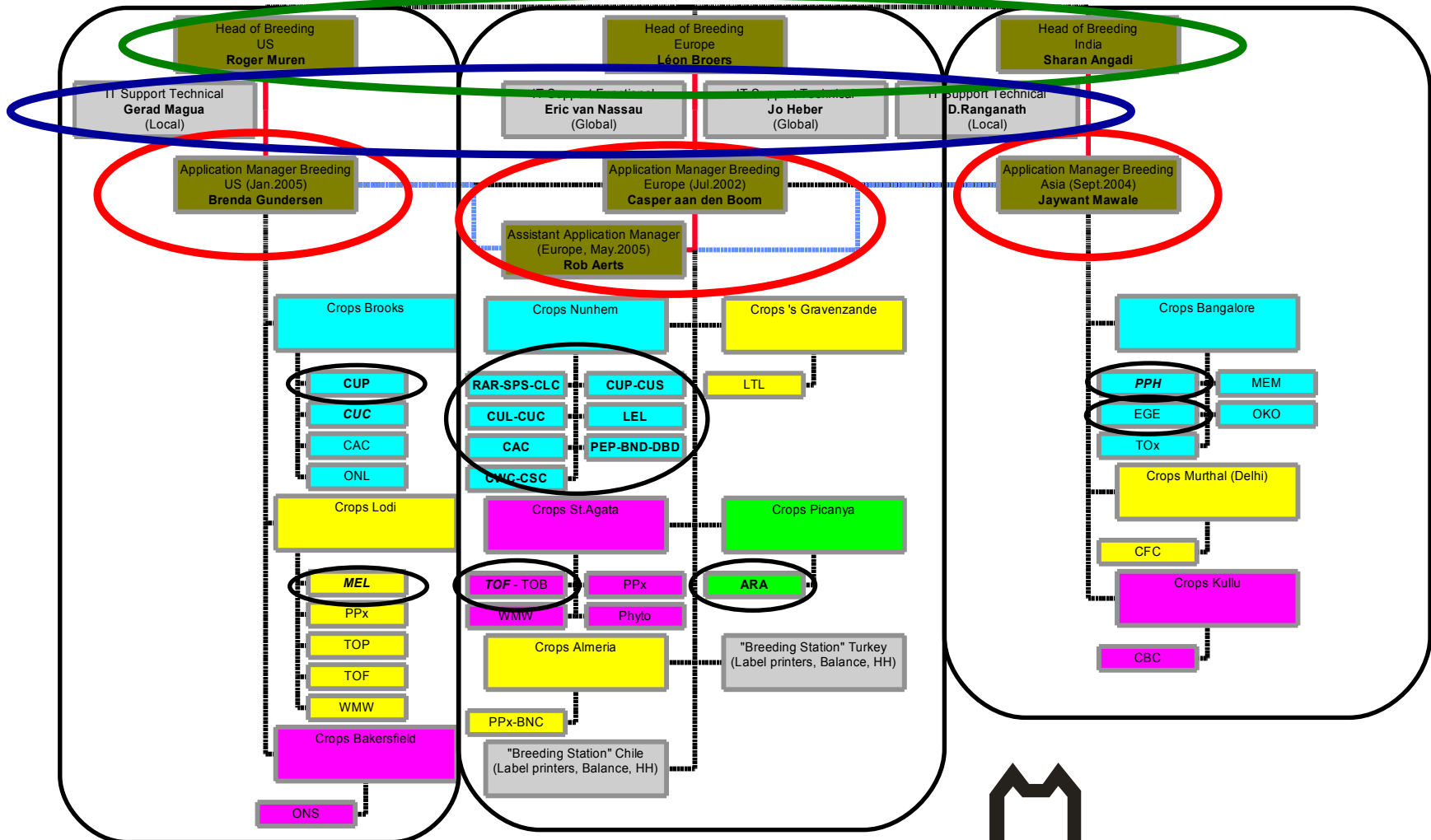
# ICIS Activities Nunhems



1. Finish set-up ICIS Organization Nunhems
2. Training new Application Managers
3. Maintain and enlarge functionalities of about 20 implementations/crops in ICIS-4
4. Implement new crops in ICIS-4
5. Start Testing ICIS-5
6. ICIS Breeding Workshop January 2006
7. Preparation of integration with NunGems
8. Preparation of migration to ICIS-5



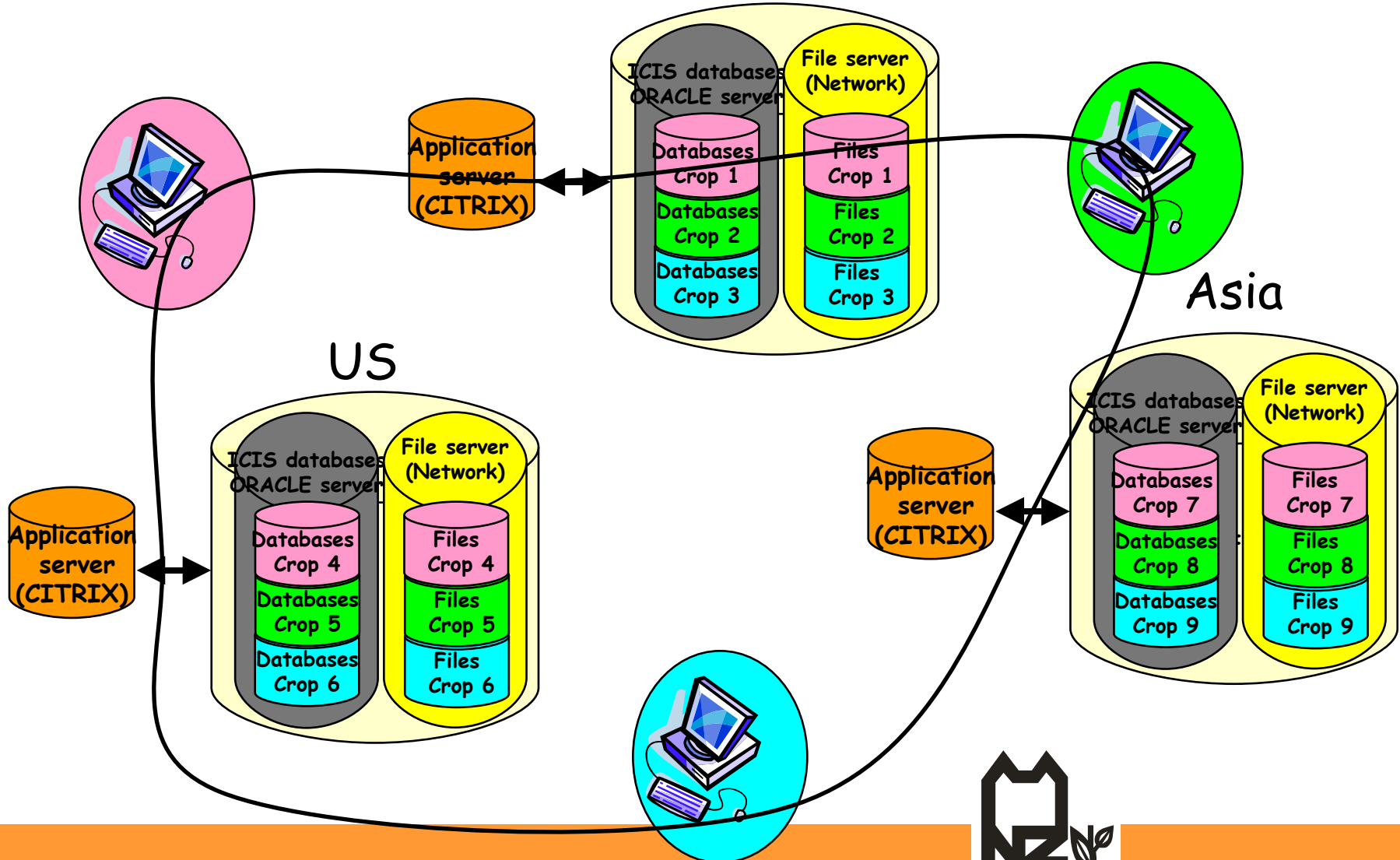
# 1. Finish set-up ICIS Organization



# 1. Finish set-up ICIS Organization



Europe



## 2. Training new Appl. Managers



- Training of ICIS & all related hard-software (handhelds, label printers etc.)
  - Application Manager US
    - Training of 4 months Netherlands
  - Application Manager India
    - 2 Trainings of 2 weeks in Netherlands
    - 1 Training of 1 week in India
  - Ass. Application Manager Europe
    - "Continuous" training



### 3. Maintenance ICIS-4



- Maintain and enlarge functionalities of about 20 implementations/crops in ICIS-4
- Crops that are already working with ICIS had several extra wishes for more output of data, mainly based on DMS data, including GMS AND TREE info in fieldbooks etc.
- Breeders need to see not only DMS data from current germplasm, but also from PREVIOUS generations



## 4. Implement new crops in ICIS-4



- Europe:
  - Tomato (Bologna, Italy)
- US:
  - Melon (Lodi, CA)
- India:
  - Hot Pepper (Bangalore)
  - EggPlant (Bangalore)





# 4. Teams and Crops in ICIS today



- **Nunhems Netherlands**
  - Team PHeu: Chicory Witloof, CornSalad
  - Team GReu: Cucumber Long, Cucumber slicers
  - Team PSim/FBee: Peas, Dwarf French Beans, Broad Beans
  - Team JSue: Cucumber Short, Cucumber Pickling (also in USA)
  - Team TDoo: Leek
  - Team ROos: Carrots
  - Team JDij: Spinach, Radish, Celery, Celeriac
- **Nunhems Spain**
  - Team ISus: Artichoke
- **Nunhems Italy**
  - Team FVec: Tomato
- **Nunhems India**
  - Team GHeg: Hot Pepper
  - Team BTri: Egg Plant
- **Nunhems USA**
  - Team JPou: Melons

Breeding administration of  
20 crops is done already in ICIS





## 5. Testing ICIS-5

- From September we started testing ICIS 5 in our CITRIX/ORACLE environment.
- Tests focused on SetGen/GMSSearch and WorkBook
- Start investigating more easily maintainable Retrievers. (Start use of TOAD for ORACLE)
- Include extra **READ** possibilities for "external" departments like Marker Assisted Breeding, Pyto, GeneBank, Pre-Breeding.



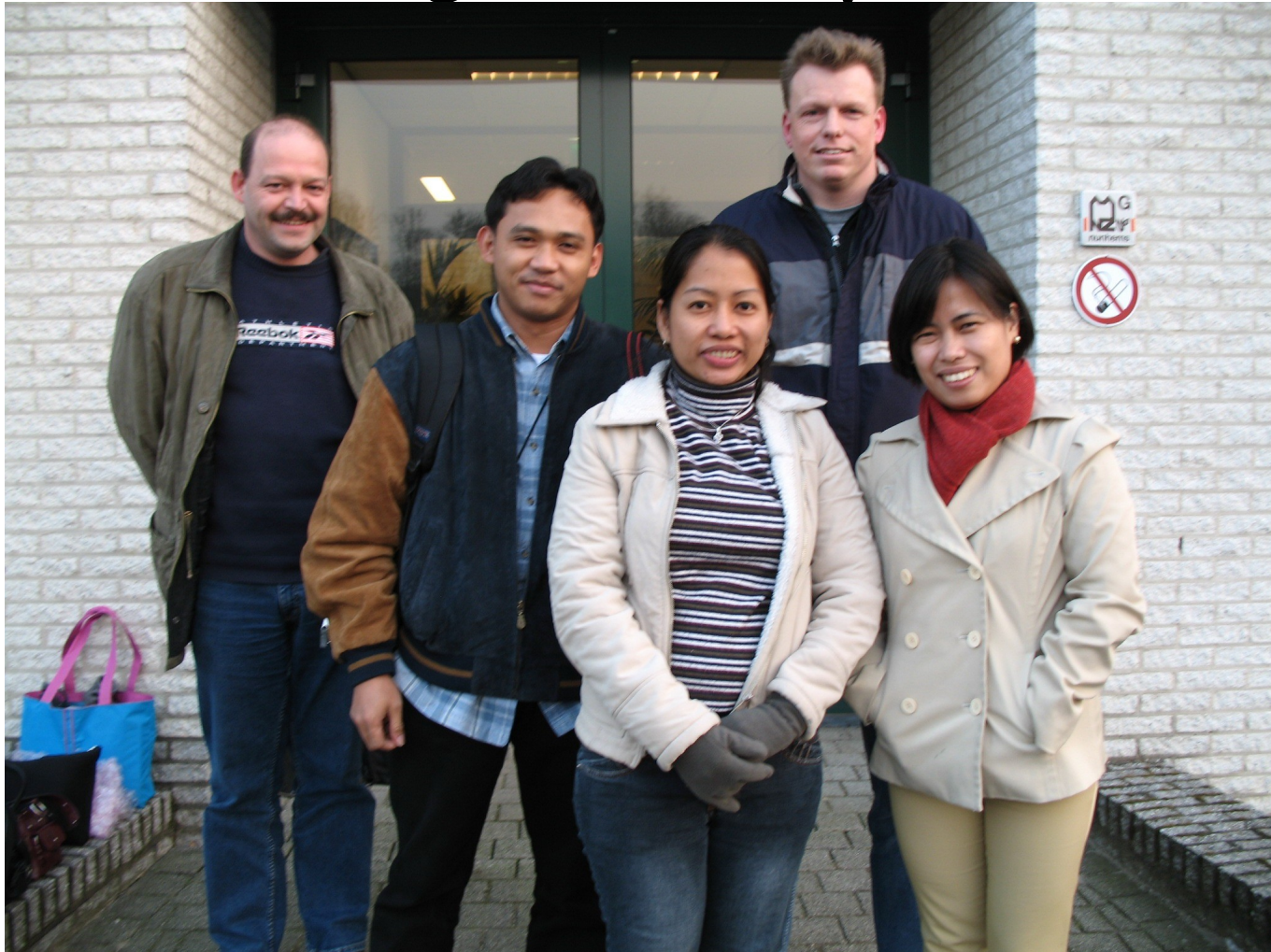
## 6. ICIS Breeding Workshop



- Focused on:
  - SetGen/GMSSearch
  - WorkBook
  - Retriever
- Adapted DLL-functions for Oracle
- Adapted WorkBook for Office 2000
- Added NEW functionalities to above modules and "introduced" ICIS-5.3



# 6. ICIS Breeding Workshop



nunhems®

Casper aan den Boom, May 2006

## 7. Start Integration NunGems



- Define needs for first outputs with Breeders and Researchers
- Transfer marker data to uniform and ICIS friendly format
- Technically link databases ICIS and NunGems
- (Building first queries and reports)



## 8. Prepared migration to ICIS-5



- Built database integrity check views
- Built migration queries
- Linked ICIS to NunGems (other Oracle database)
- Trial migration with first crop
- Further development of Nunhems RTV
- Intensive testing of ICIS-5.3





# Thanks