

NATIONAL INVENTORIES DEVELOPMENT AND STATUS -MACEDONIA-



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Activities for agrobiodiversity conservation

Start

part of the breeding programs

1969-71 projects supported by USA

Accessions in genebanks in USA

Free for repatriation

2004-2011

South Eastern Development Network

for conservation and sustainable use of PGR



2004-2011

Infrastructure and equipment upgrade

Genebank, Agricultural Institute in Skopje
national genebank



Training of staff

In RM and other countries
Professors from RM- lecturers



Genebank completely equipped

seed germination check
seed drying and packing

short-term storage chamber
refrigerators for long-term storage

According to the genebank standards
(ECPGR)



Seed collection

Field collections:

- Fruit crops
- Vine
- MAPs



Material with different origin:

- autochthonous varieties
- domestic and introduced varieties
- breeding material
- wild relatives, weeds



Every sample:

- Active
- Base
- Distribution
- Safety duplicate

Material at -20°C

34 passport data from EURISCO list

data for 2158 accessions

<http://eurisco.ecpgr.org>



Institutions:

Faculty of Agricultural Sciences and Food- Skopje



Agricultural Institute- Skopje



Tobacco Institute- Prilep

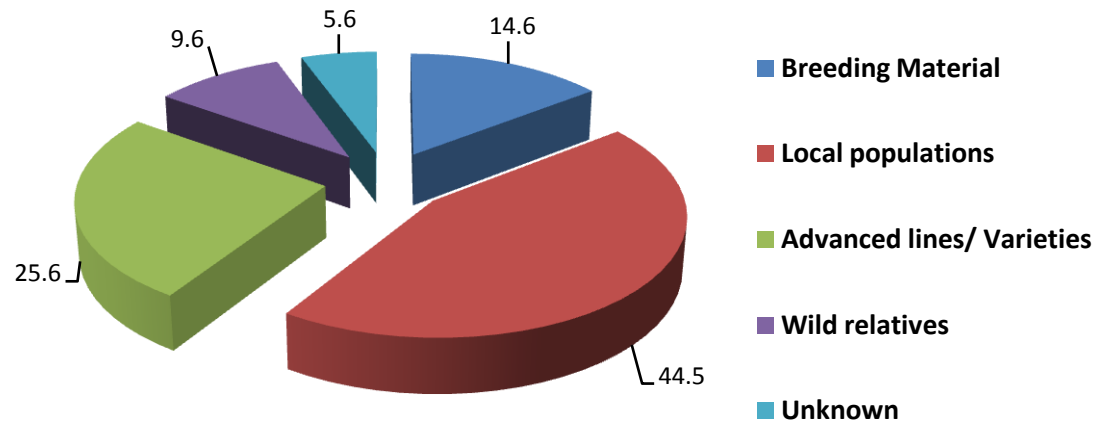
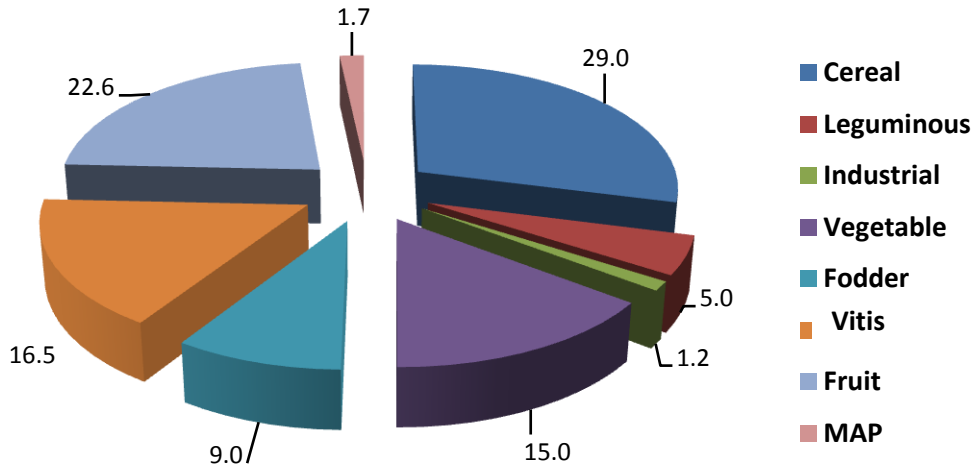


Agricultural Faculty- Stip



Ministry of Agriculture, Forestry and Water
Economy, Seed and Seedlings Directorate

Crops	Species	Breeding Material	Local populations	Cultivars	Wild	Unknown	Total
Cereal	8	242	351	85		95	773
Leguminous	5	18	78		2	34	132
Industrial	3	21	11				32
Vegetable	28	28	368			5	401
Fodder	21		22	9	209	1	241
Vitis		46	234	158		1	439
Fruit	13	35	123	431		14	603
MAP	11				45		45
Total	89	390	1187	683	256	150	2666



After Seednet- almost all activities stopped

Lack of collaboration between institutions

Strategy, project proposals, raising public awareness

Legal framework exists

Lack of support from the Ministry



From November 2014

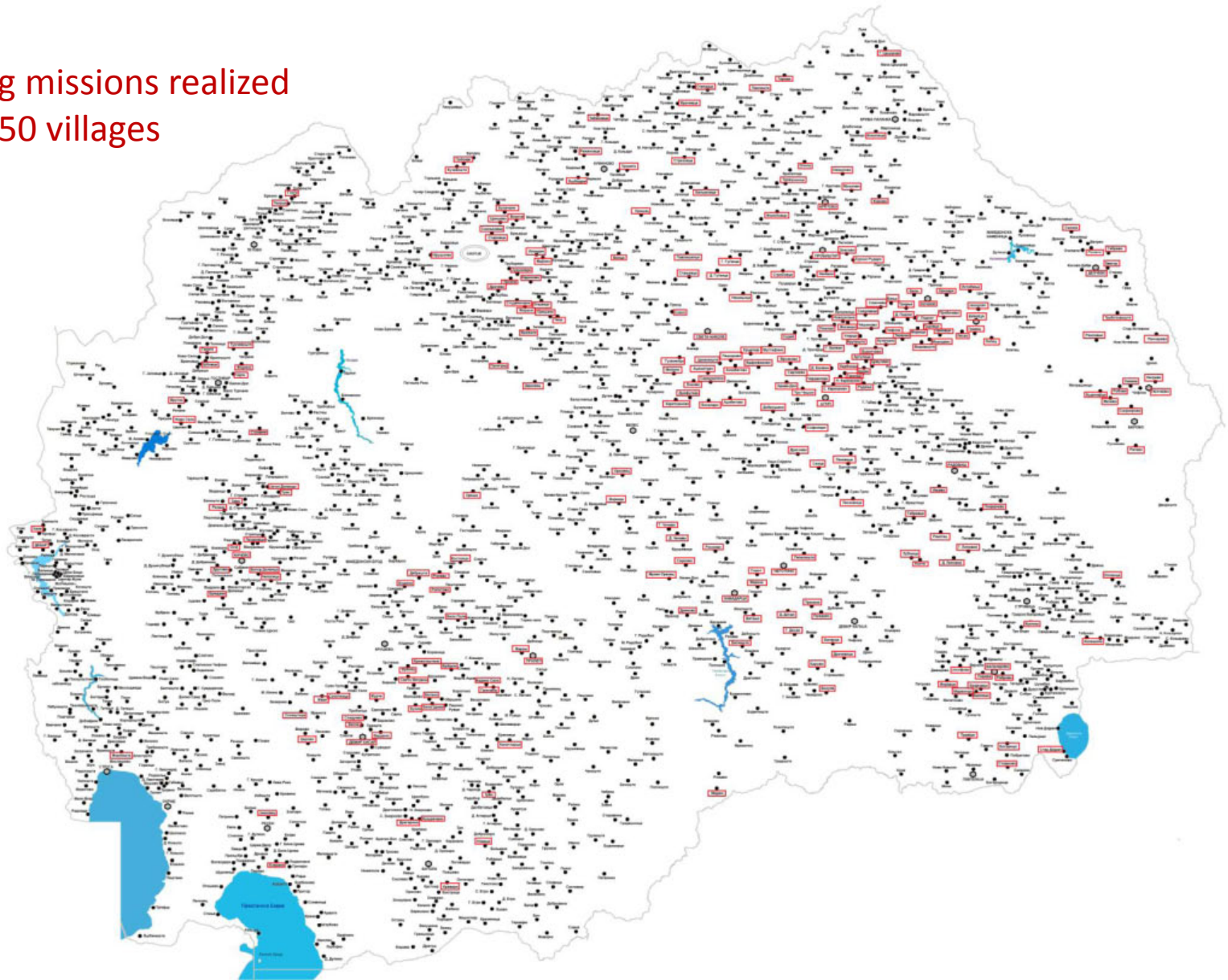
Completely new process for inventorization and seed collecting

Organized by Department of Genetics and Plant Breeding

Faculty of Agricultural Sciences and Food –Skopje

Without any financial support

Collecting missions realized
in over 250 villages

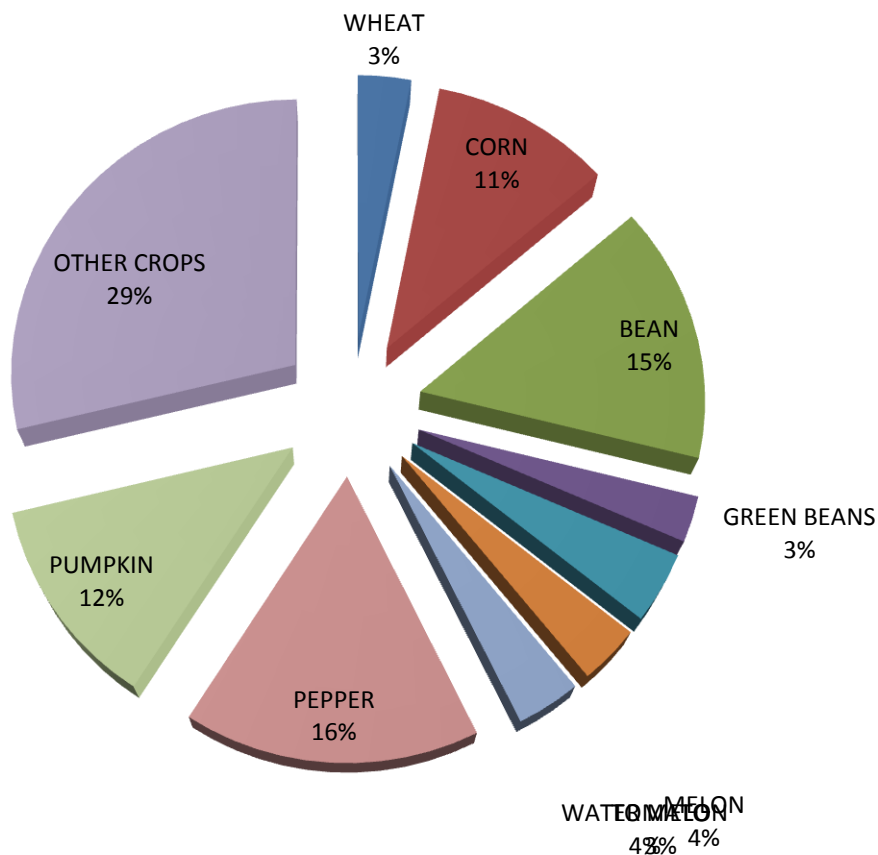


Current results from the inventory

Over 2000 seed samples
collected from
local populations only

61 agricultural crops





Database created with:

Information

Photo

Urgent need for:

Multiplication

Characterization

Preparation of seeds for storage

Collecting missions in other villages

