



Schweizerische Eidgenossenschaft
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Eidgenössisches Volkswirtschaftsdepartement EVD
Bundesamt für Landwirtschaft BLW



GROWING GENETIC RESOURCES IN ORGANIC AGRICULTURE

Introduction by

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Swiss Perm Rep to FAO, WFP, IFAD**

**FAO, Rome, October 20, 2009
Side-event “Growing Genetic Resources in Organic Agriculture”**



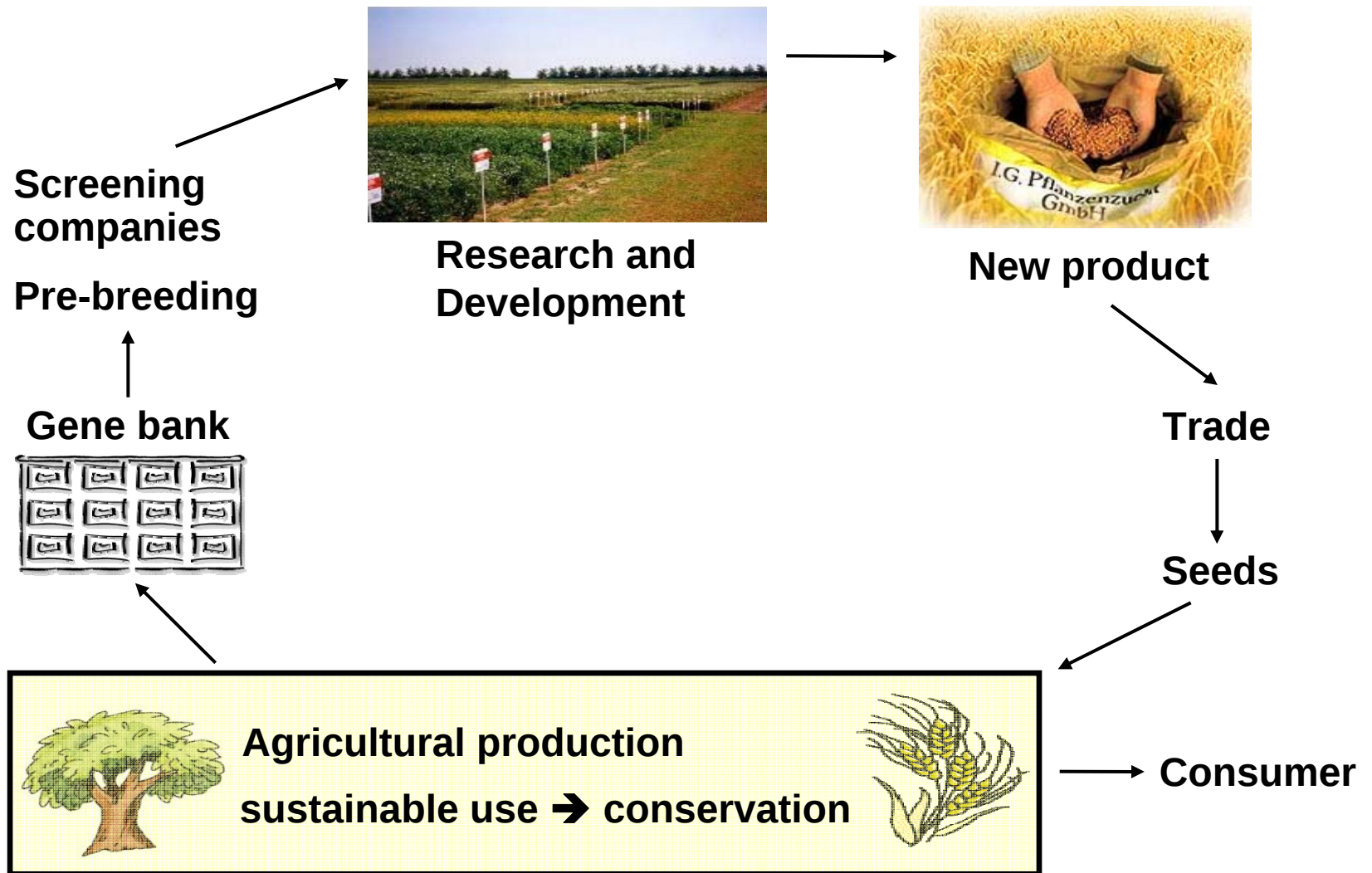
Goal of the Side Event

Challenges: food security for a growing population, climate change and increased scarcity of resources

- In this relation show the action of organic agriculture in
 - sustainable management and use of plant and animal
⇒ conservation
- What are the opportunities, constraints and requirements for enhancing the contribution of organic agriculture in this regard?



PGRFA Cycle





Experience from Switzerland

National Action Plan for conservation and sustainable use of plant genetic resources for food and agriculture as part of the agriculture policy of Switzerland.





Implementation of Switzerland's NAP

1A FRUCTUS



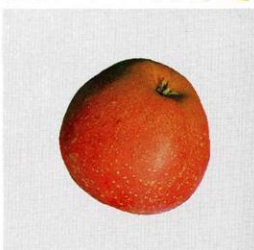
ANANAS REINETTE	Tafelapfel
Herkunft	Holland
Entdeckung	1820
Farbe	gelb
Ernte	Oktober
Haltbarkeit Tage	120
Vitamin C/100 gr	19 mg
Durchmesser	45 mm

2C FRUCTUS

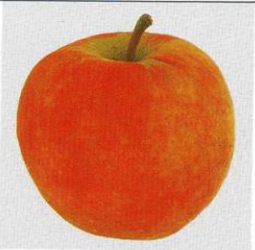


GOLDPARMAENE	Tafelapfel
Herkunft	England
Entdeckung	1261
Farbe	gelbbraun
Ernte	September
Haltbarkeit Tage	90
Vitamin C/100 gr	14 mg
Durchmesser	63 mm

2B FRUCTUS



RUBINETTE	Tafelapfel
Herkunft	Schweiz
Entdeckung	1961
Farbe	rot braun
Ernte	Oktober
Haltbarkeit Tage	130
Vitamin C/100 gr	12 mg
Durchmesser	67 mm



ELSTAR	Tafelapfel
Herkunft	Holland
Entdeckung	1955
Farbe	gelbbrot
Ernte	Oktober
Haltbarkeit Tage	130
Vitamin C/100 gr	11 mg
Durchmesser	74 mm



BOHNAPFEL	Tafel-/Mostapfel
Herkunft	Deutschland
Entdeckung	1796
Farbe	grün rotgestr.
Ernte	November
Haltbarkeit Tage	240
Vitamin C/100 gr	18 mg
Durchmesser	60 mm



BOSKOOP	Tafel-/Kochapfel
Herkunft	Holland
Entdeckung	1856
Farbe	braunrot
Ernte	Oktober
Haltbarkeit Tage	180
Vitamin C/100 gr	16 mg
Durchmesser	77 mm

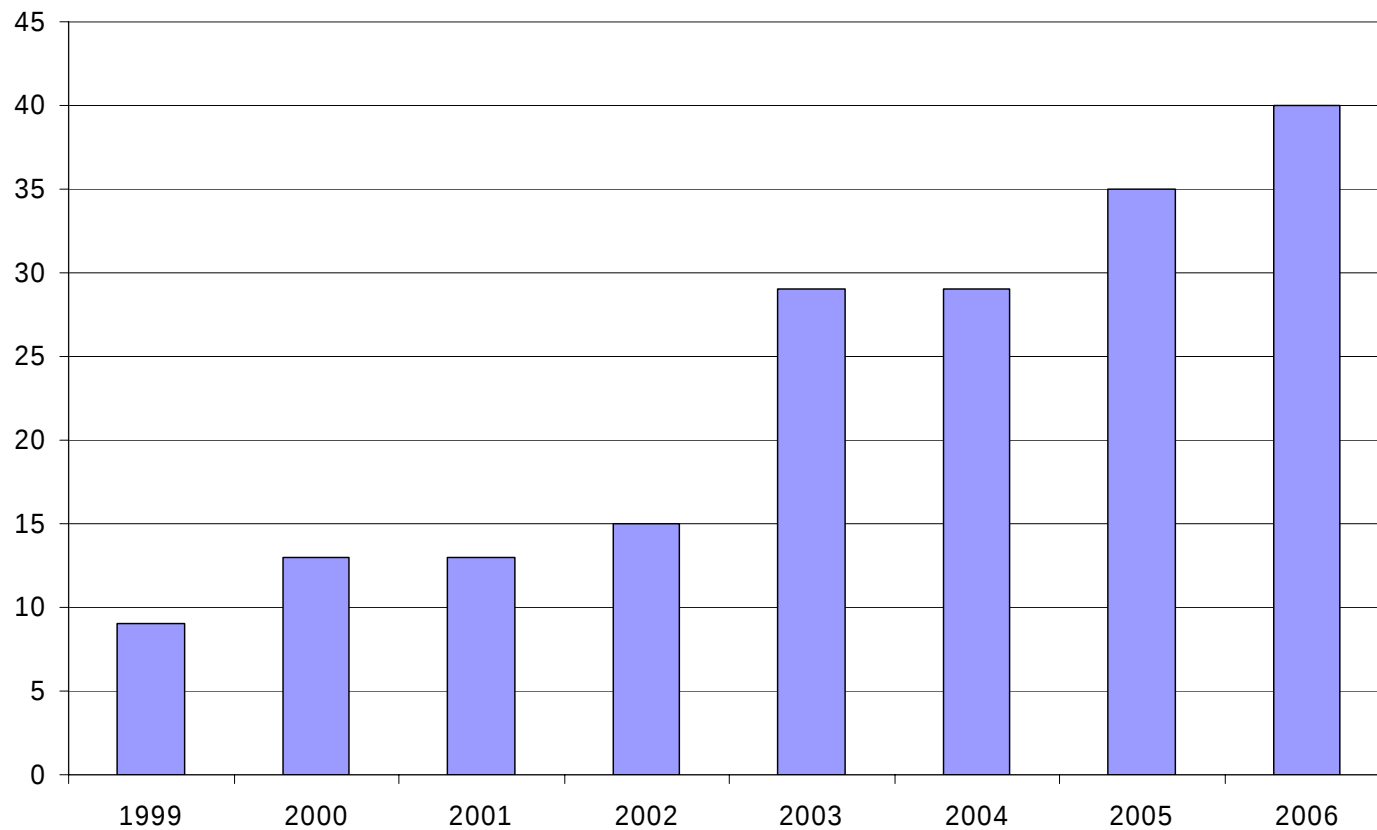
Inventory of Switzerland's agrobiodiversity:

- 1096 Apple cultivars
- 111 Vine cultivars
- 10 Beef races



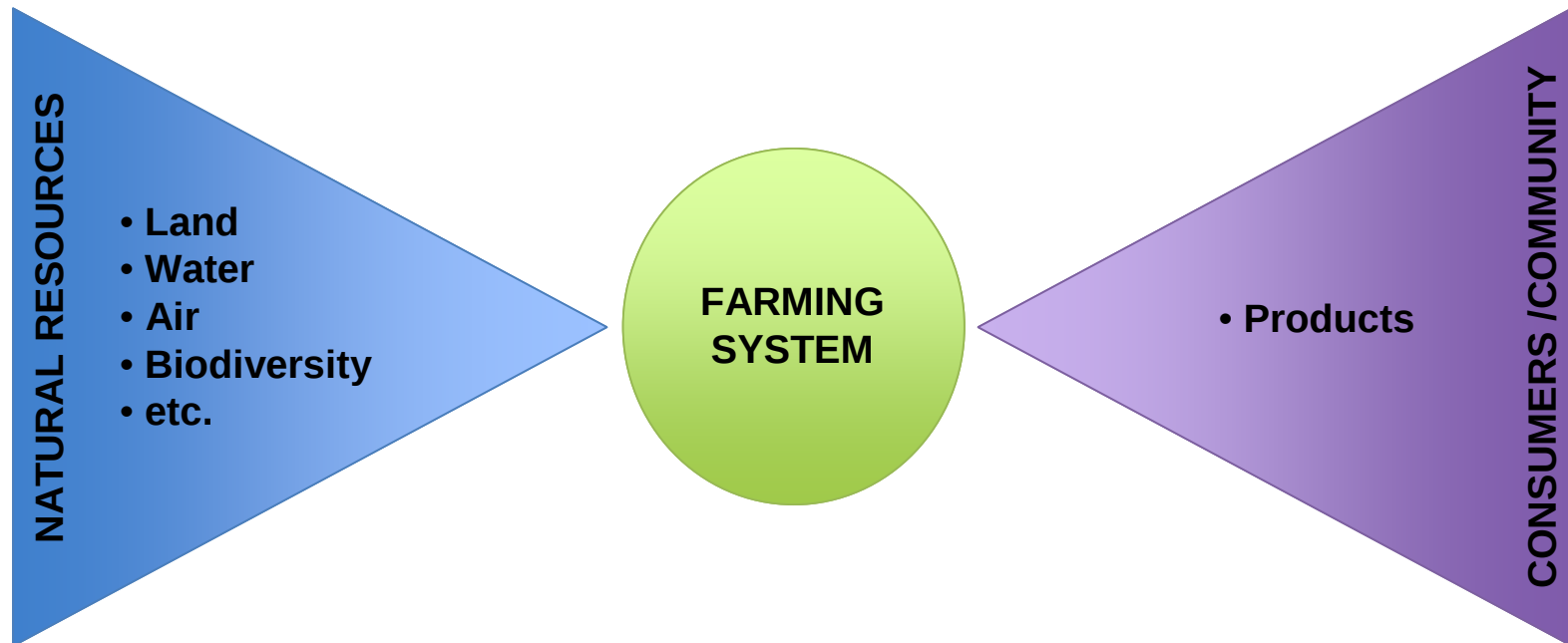
Implementation of Switzerland's NAP

Number of involved organizations





Farming systems: use and manage genetic resources in an integrated way





NATURAL RESOURCES



FARMING SYSTEM



CONSUMERS / COMMUNITY



Program of the side event

- Introduction
 - Alexander Müller
 - Cristina Grandi
- Presentations
 - Urs Niggli -> *in-situ/on-farm* conservation; risk management in agriculture ecosystems
 - Kesang Tshomo -> showcase Bhutan
 - Maria Grazia Mammuccini -> showcase Italy
- Discussion
- Conclusion

