

# Establishing a regional training center on forest genetic resources

**Zheng Yongqi**

**Chinese Academy of Forestry  
National Forest Genetic Resources Platform**

# 1 Crucial role of FGR

# Major challenges to human

Trees & Forests



**Agriculture (Crops)**

**Forestry (trees)**



**Survival**



**Development**



**Happiness**







# Wolfberry



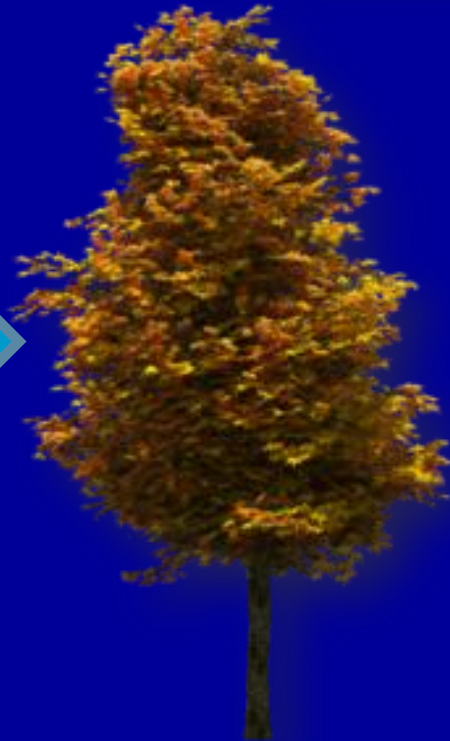
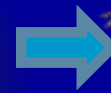
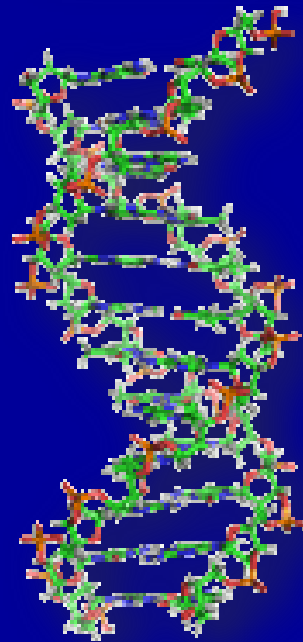
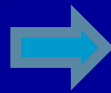


100s of  
Salix  
varieties

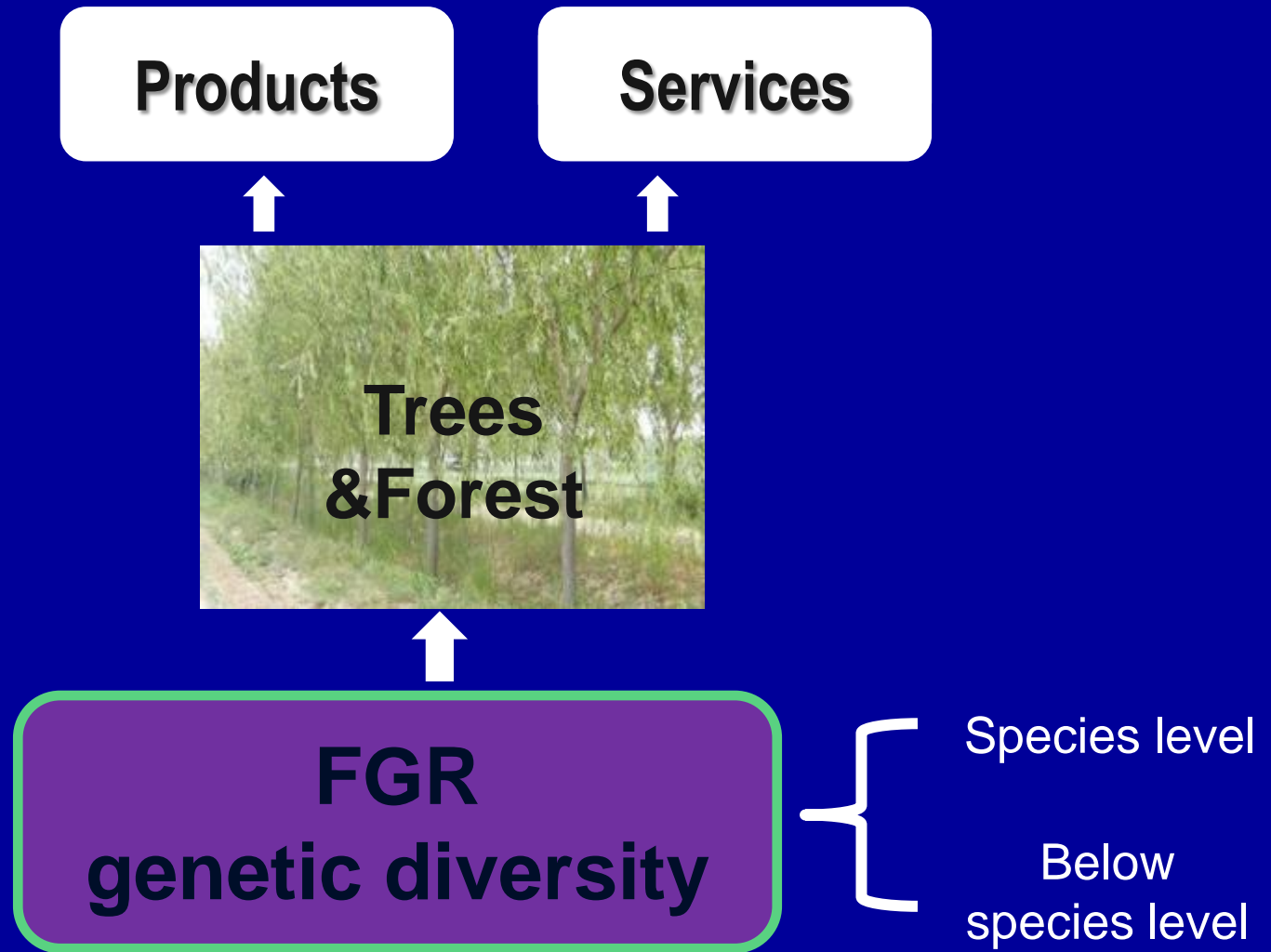
10000s  
of Salix  
varieties







## 2 Attention to FGR



# Addressing problems at root cause!

Forest genetic resources are essential for the continued productivity, services, adaptation and evolutionary processes of forests and trees.



Forests and trees enhance and protect landscapes, ecosystems and production systems. They provide goods and services which are essential to the survival and well-being of all humanity.

3

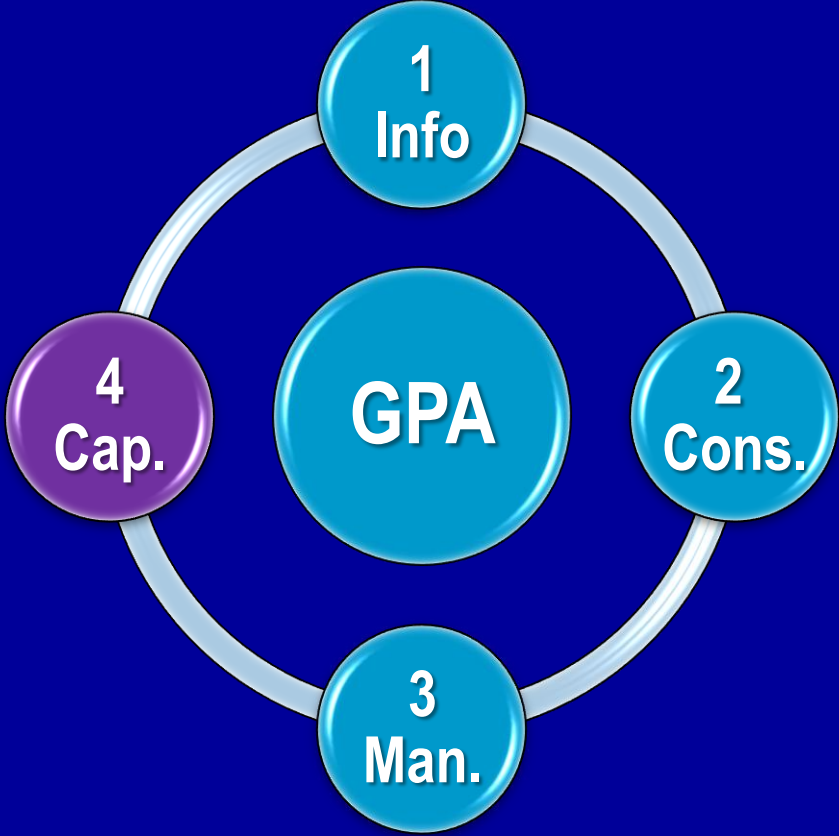
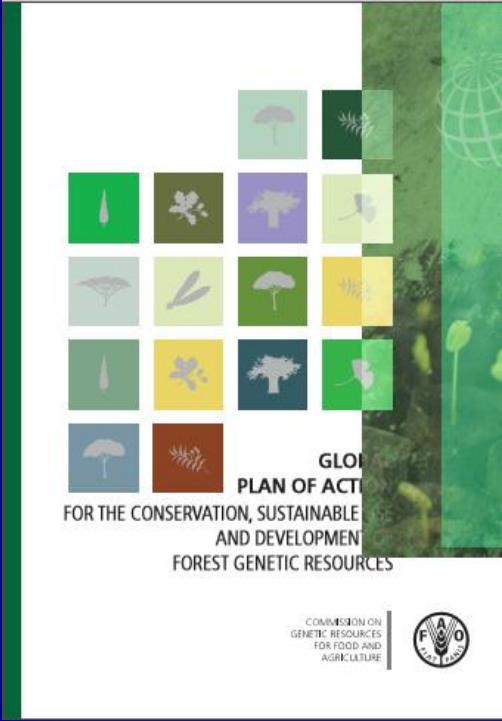
SW-FGR, FGR-GPA

# The State of the World's Forest Genetic Resources

This first volume of *The State of the World's Forest Genetic Resources* constitutes a major step in building the information and knowledge base required for action towards better conservation and sustainable management of forest genetic resources at the national, regional and international levels.



# FGR-GPA



**4 priority areas, 27 strategic priorities**

# FGR-GPA

## Strategic Priority 21.

### National

Establish and strengthen educational and research capacities on FGR to ensure adequate technical support to related development programs.

## Strategic Priority 24.

### Regional

Reinforce regional and international cooperation to support education, knowledge dissemination, research, and conservation and sustainable management of FGR.

## Strategic Priority 26

### International

Promote public and international awareness of the roles and values of FGR





4

# APFORGEN, FGR-GPA

# APFORGEN

1. APFORGEN, established in 2003, works to enhance the conservation and sustainable use of tree species and their genetic diversity in Asia and the Pacific.
2. APFORGEN is the only network in Asia and the Pacific that specifically focuses on the conservation and sustainable use of the genetic diversity of trees.
3. APFORGEN collaborates with FAO to implement the Global Plan of Action for Forest Genetic Resources in the Asia and the Pacific region. The GPA is based on the 2006 Global Strategy on Genetic Resources for Food and Agriculture, the 2007 Global Plan of Action for Forest Genetic Resources, and the 2014 State of The World's Forest Genetic Resources Report.



# APFORGEN strategy of FGR-GPA implementation

## Objective

1

Political and financial support mobilized for the implementation of the Global Plan of Action on Forest Genetic Resources in Asia and the Pacific.

## Target

4

Regional Training Centre is established for strengthening capacities in research, conservation and management of FGR in the Asia-Pacific Region.

# 5 Regional training center

# Regional training center on FGR

- GPA-FGR calls for strengthening educational and research capacities on FGR to ensure adequate technical support for related development programs (SP 21, 24 and 26);
- Part of implementation of APFORGEN's strategy for 2104 - 2016 and the work plan of its Working Group on *Mobilizing Support for FGR*.
- **Another milestone of APFORGEN (APFORGEN decision in 2014 member meeting);**

# Planning Workshop

- Held on 1 - 3 December 2015 in Binzhou City, China;
- Refined plans for initiating the Training Centre;
- Training opportunities for trainers (*training of trainers*), policy makers, forest managers and researchers on conservation and management of FGR.
- Not only on conservation, but more importantly on uses;
- Start soon with a regional assessment of capacity strengthening needs;

# Operation of the TC



**Based in China**



**Jointly organized by BI, APAFRI,  
APFORGEN**



**Implemented by NFGRP, CAF, CHE**



**Supported by CHE (ecological  
restoration and tree breeding )**



**Potentially by more agencies**



# What's next?



Training needs survey-on line  
[www.surveymonkey.com/r/FGR\\_training\\_needs](http://www.surveymonkey.com/r/FGR_training_needs)



APFORGEN-coordinators



Other target groups



Survey analysis



Regional IUFRO conference/official launch/first training

参会专家 EXPERT

MORE



会议现场 CONFERENCE PHOTOS

MORE



# Media interview





# Thank you !

[zyq8565@126.com](mailto:zyq8565@126.com)

[ChinaFGR.com](http://ChinaFGR.com)