

# **A role of Silesian Botanical Garden in the network of Polish botanical gardens.**

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ECONOMIC  
ISSUES

SOCIAL  
ISSUES

# Silesian Botanical Garden

ENVIRONMENTAL  
ISSUES

Sustainable Development  
New investments  
New jobs  
New functions of the former  
military area  
New attractions

Sustainable Development  
Recreation  
Increased standard of living  
Gentrification  
Social Inclusion programmes  
Volunteers

Sustainable Development  
Nature protection  
Climate change mitigation  
Adaptation to climate change  
Biodiversity conservation  
Habitats translocation  
Environmental education

## ENVIRONMENTAL ISSUES

**Sustainable Development**

**Nature protection**

**Climate change mitigation**

**Adaptation to climate change**

**Biodiversity conservation**

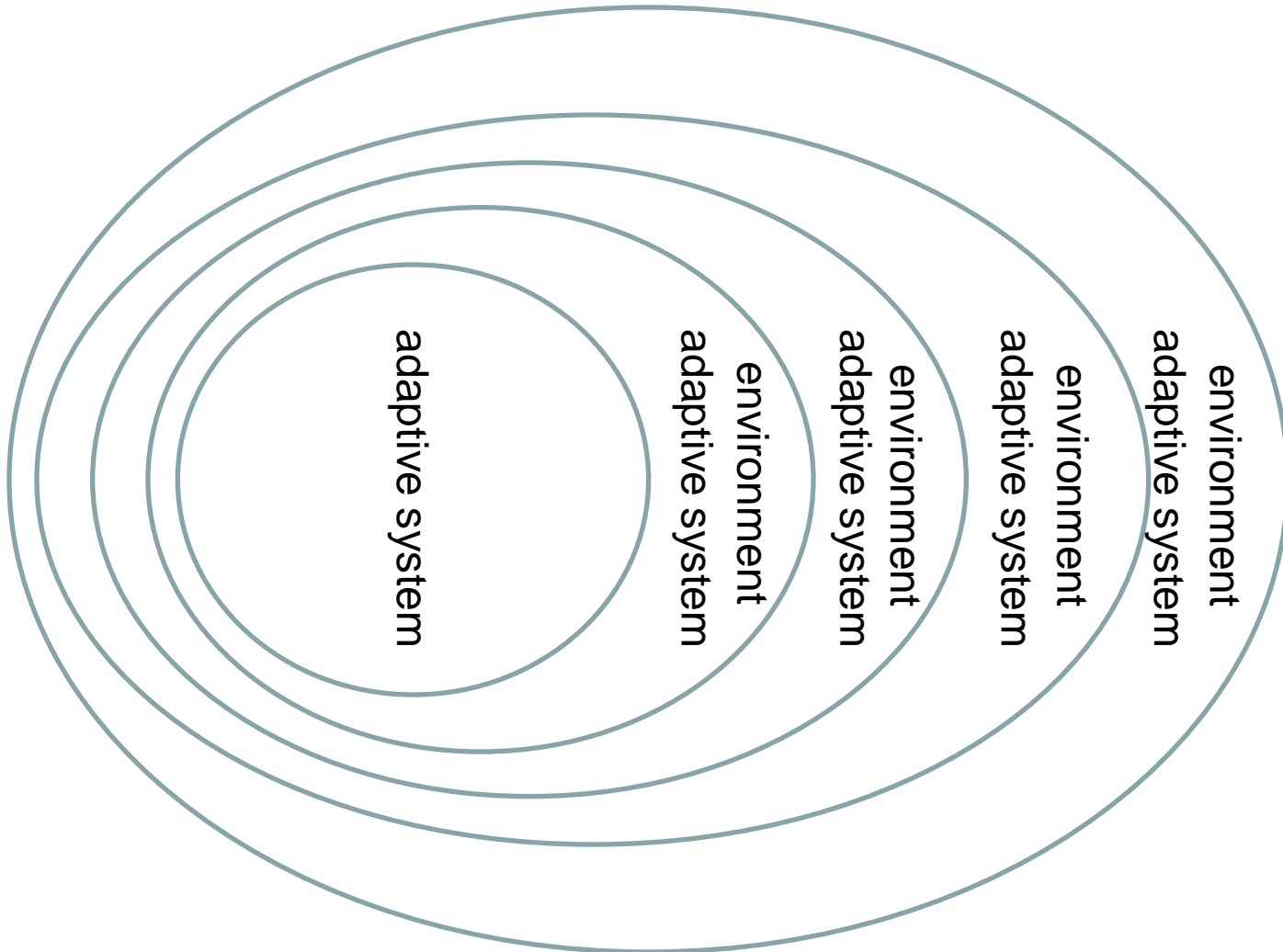
**Habitats translocation**

**Environmental education**

**Environmental innovations**

„Hybrid Parks” as adaptive  
systems to changing  
environments

# An adaptive system in its environment



# An uteric (uterine) or a womb-like system

- A place where something is generated;
- An encompassing, protective space;
- A space enclosing something, esp. when sheltering;
- A place where something is conceived;
- The place in which anything is formed or produced;
- The interior of anything.



# HUSH BY FREYJA SEWELL





# **Sustainable development**



- Living as well as possible within **the limits of our planet.**





- **Living well**... if possible... within the limits of our planet









**Sustainable Development**

**Nature protection**

**Climate change mitigation**

**Adaptation to climate change**

**Biodiversity conservation**

**Habitats translocation**

**Environmental education**

**Environmental innovations**



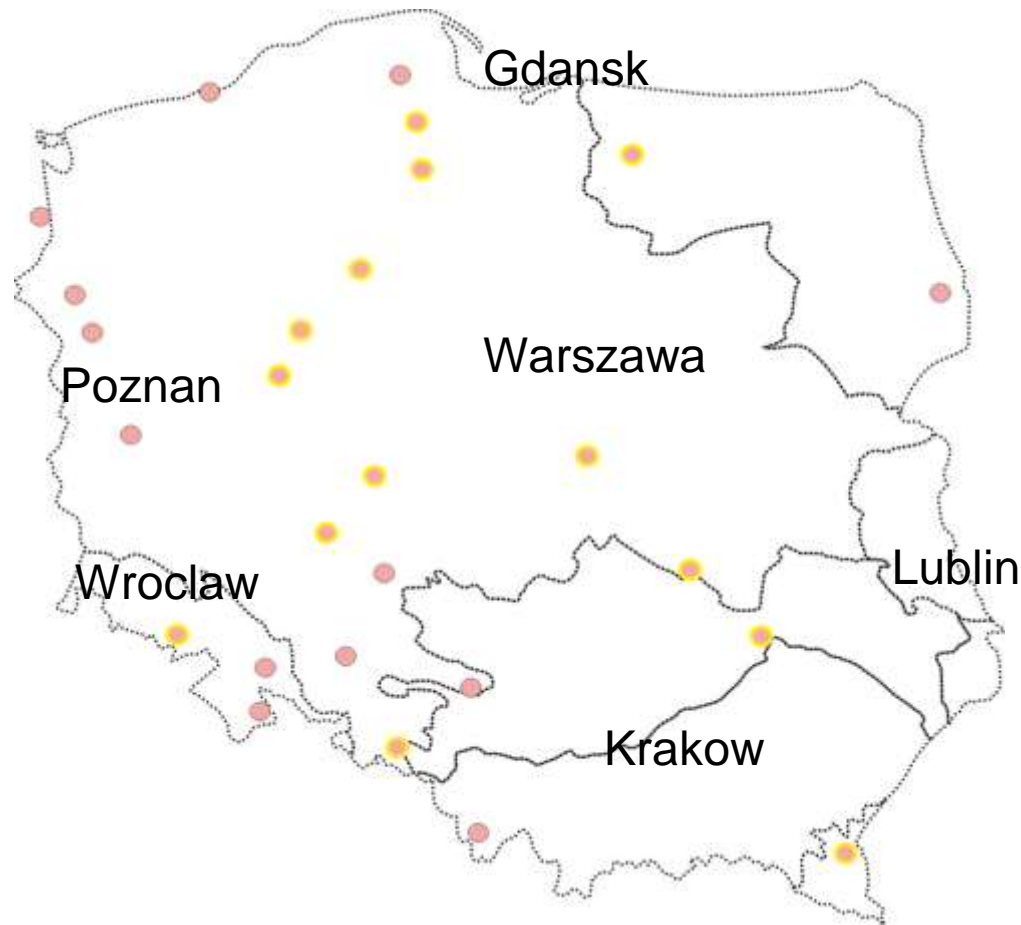
# **The network of Polish botanical gardens.**

# Botanical Gardens in Poland (20)



# Arboretum Gardens in Poland

## (27)



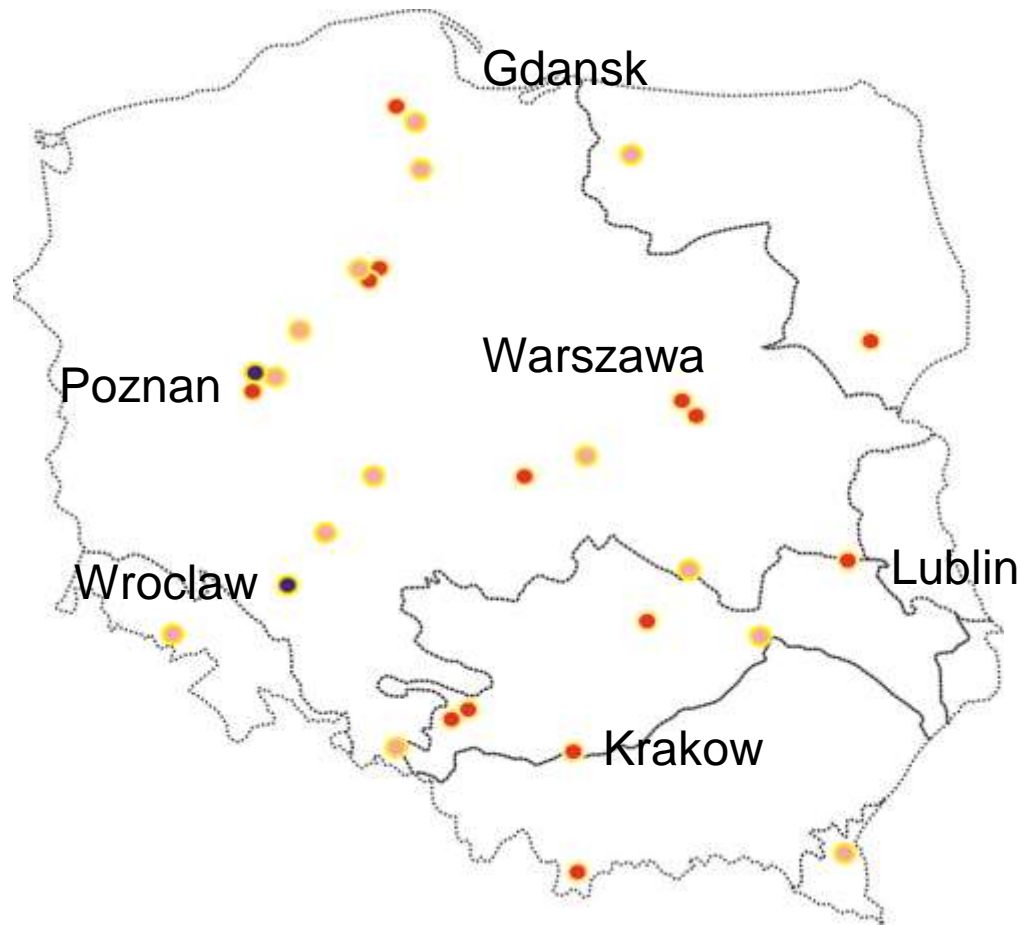
# Physic Gardens in Poland (7)



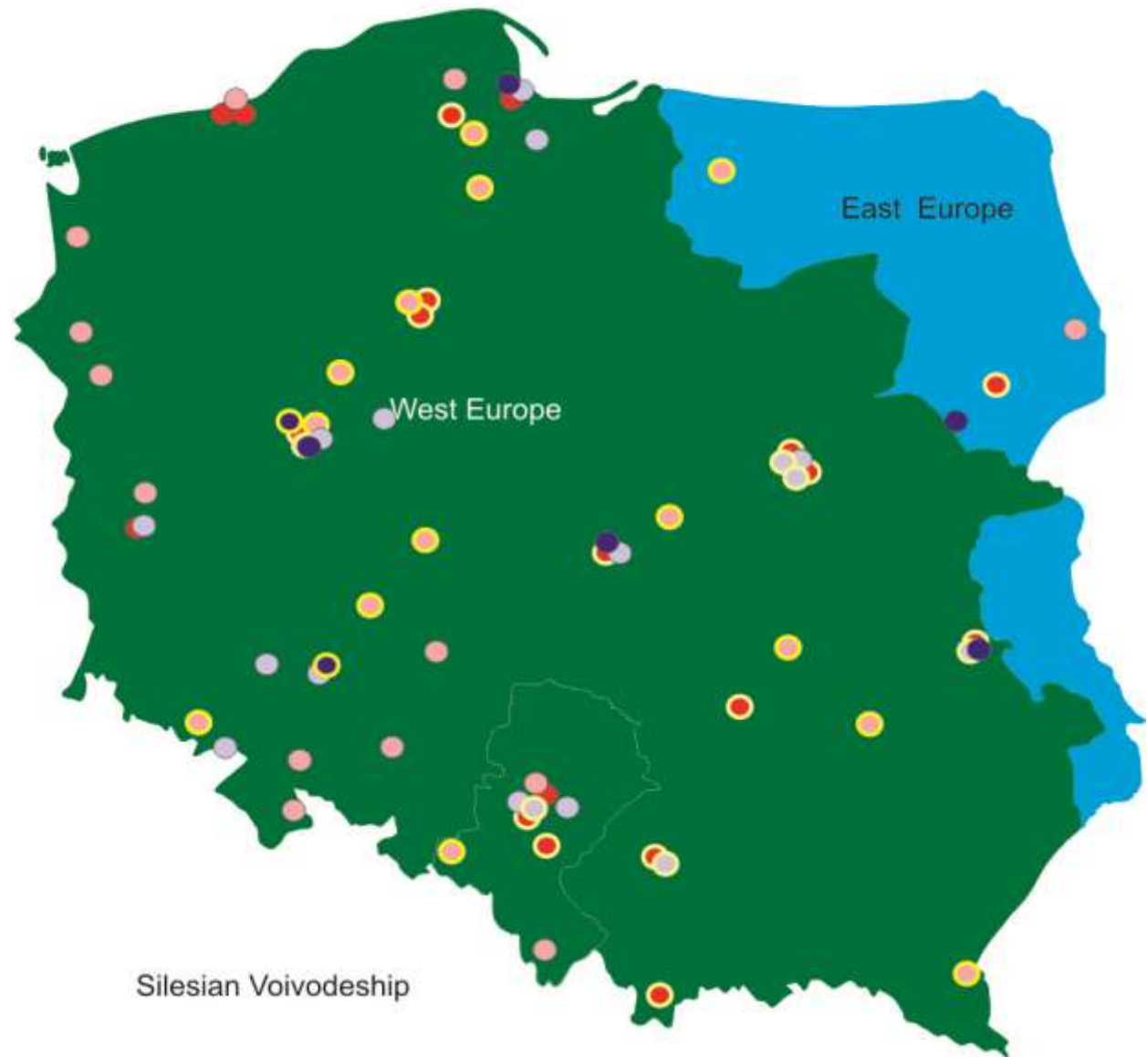
# Palm Houses in Poland (16)



# Members of Council of Botanical Gardens in Poland (31)

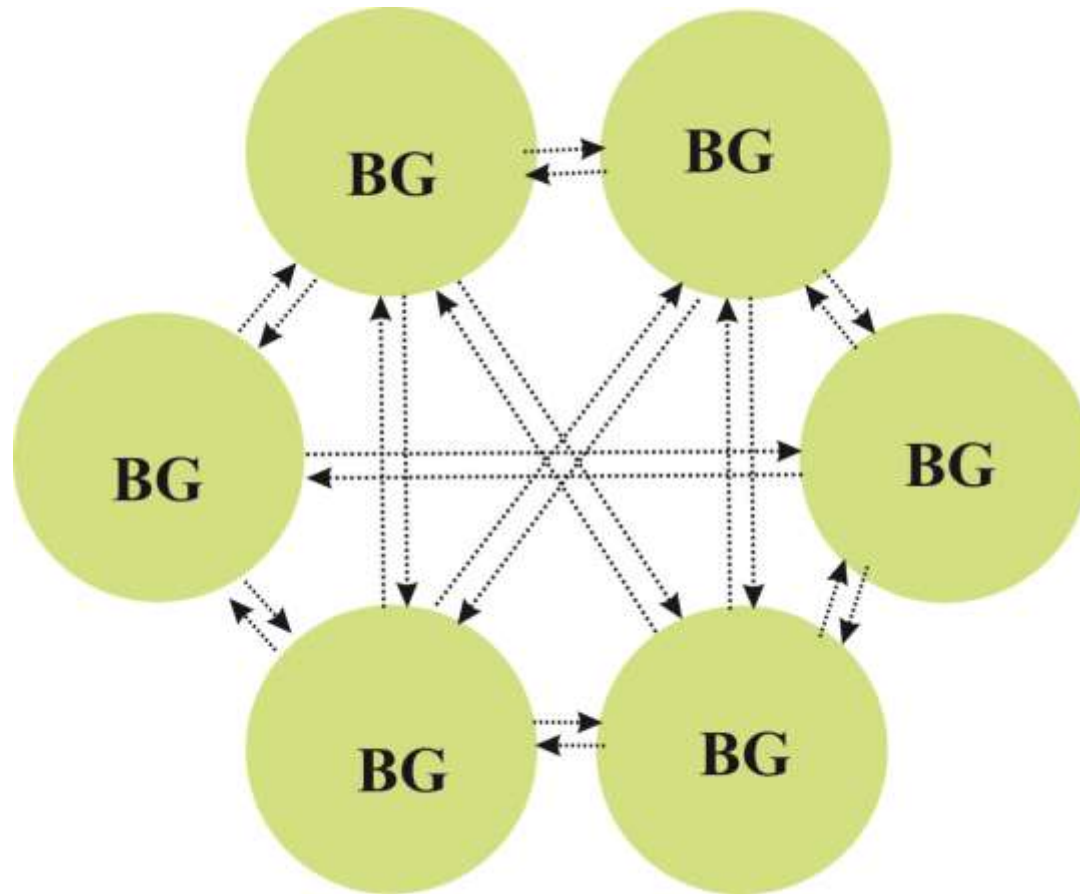


# Geographical Regions in Poland Areas



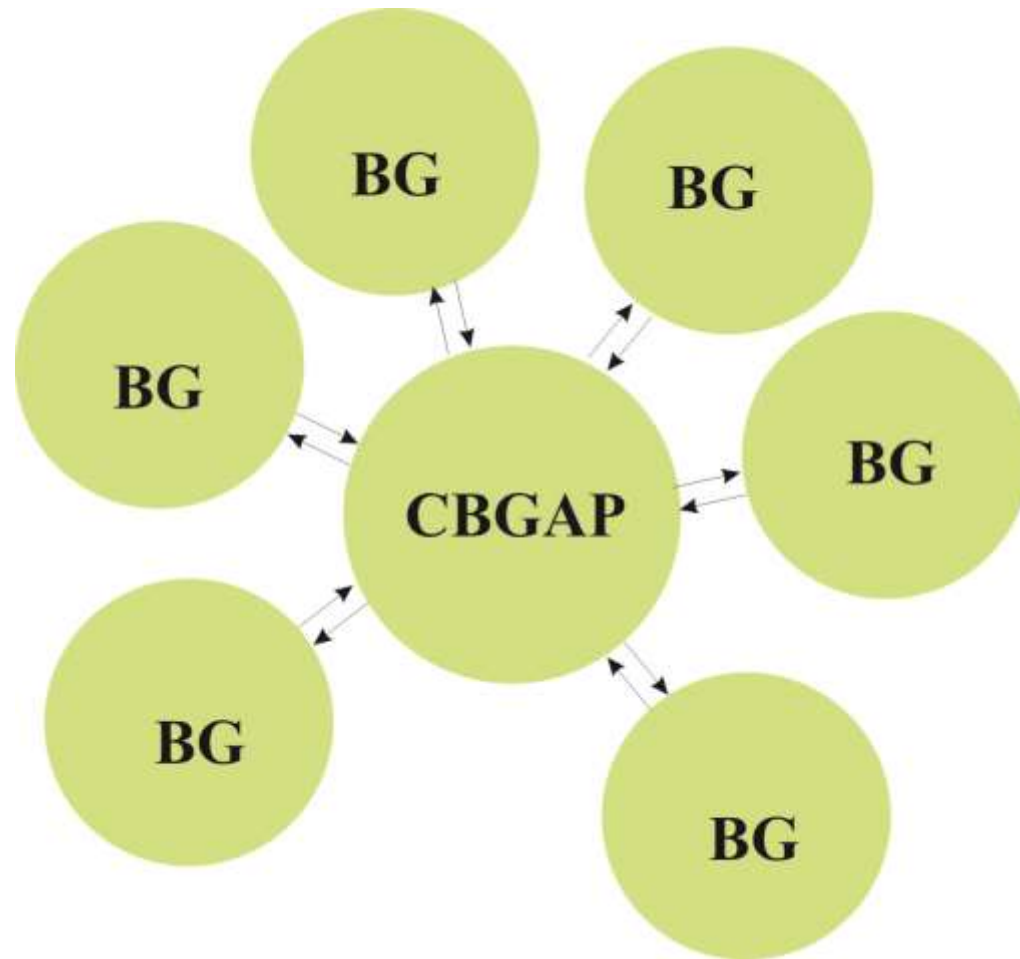
(70/9)

# Networking Botanical Gardens

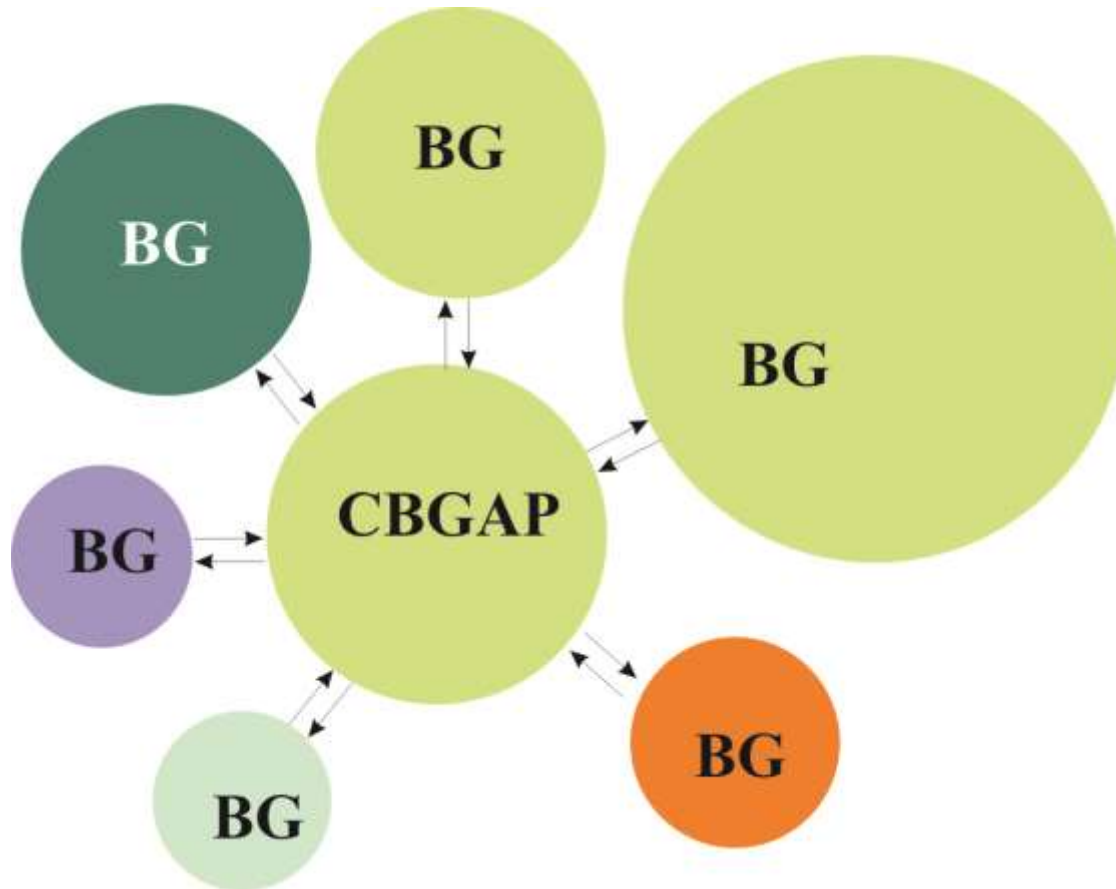




# Council of BG in Poland



# We are different. How to deal with it?





Convention on  
Biological Diversity

# Post-CBD world...

CBD 1992

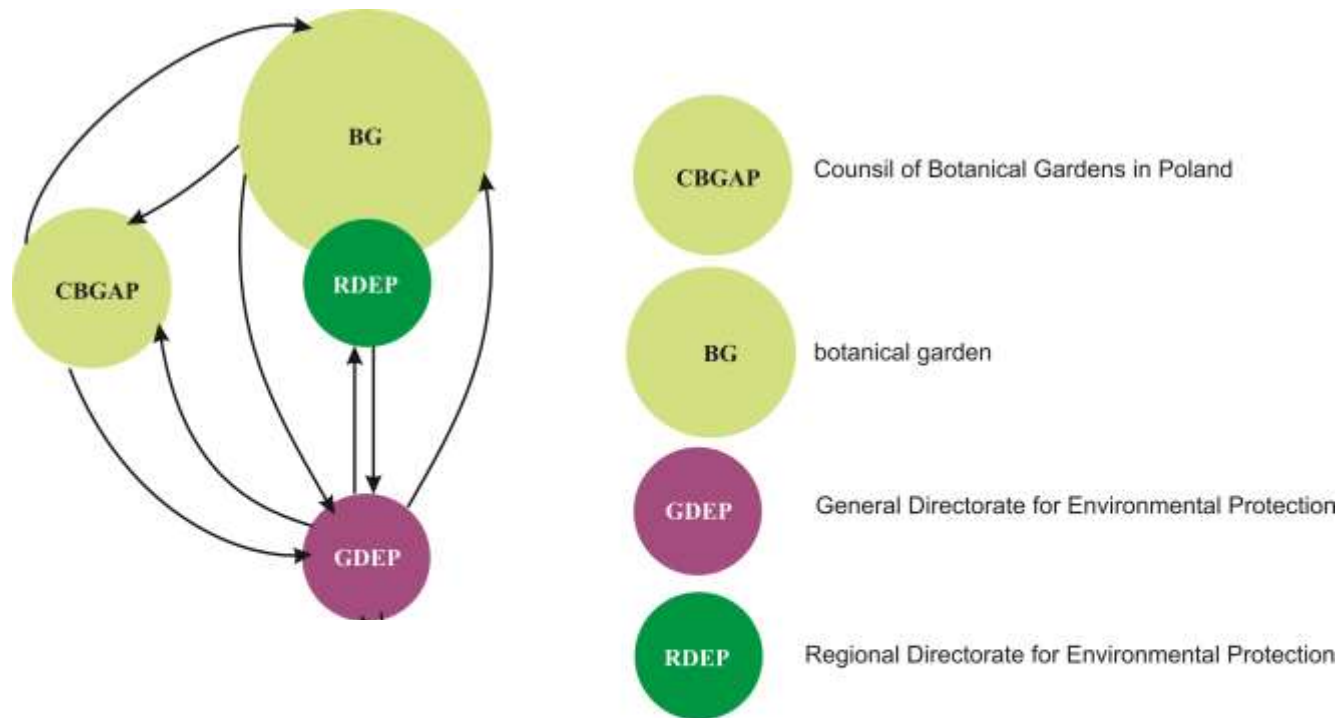
CBD - Poland 1996

Nature Conservation Act 2004

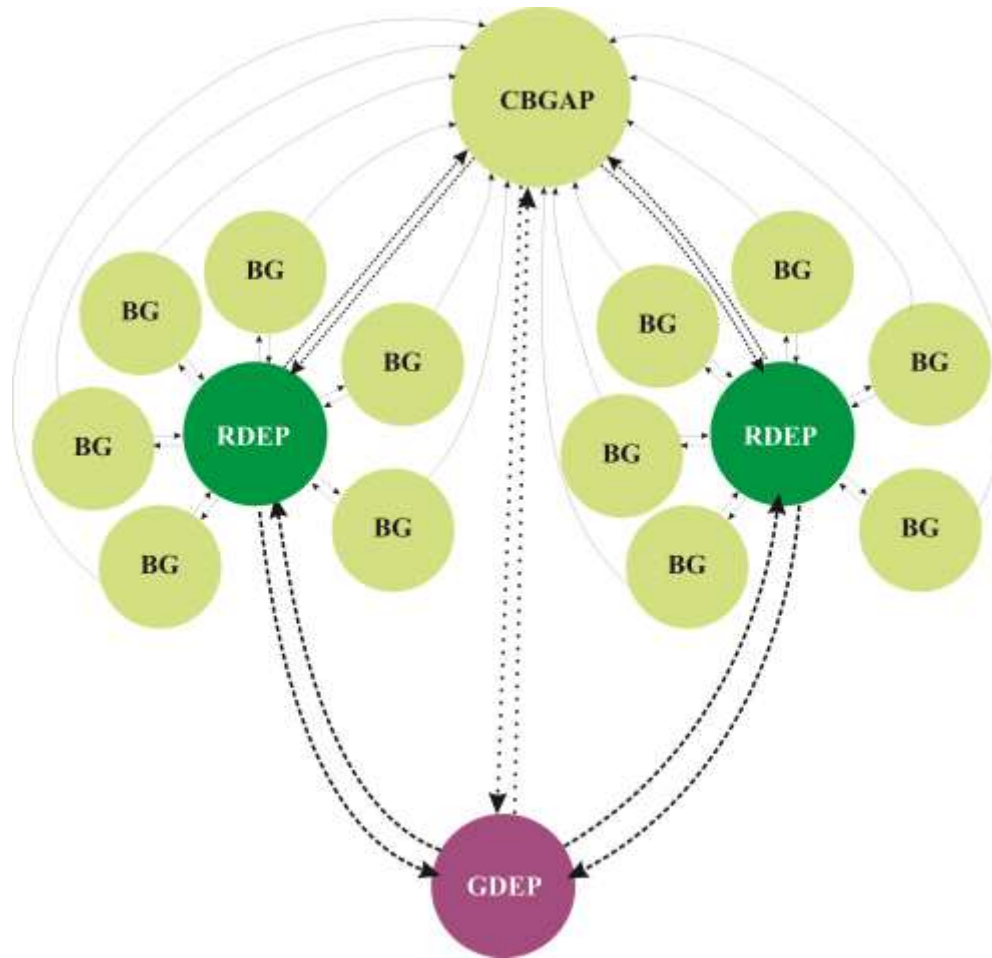
Nature Conservation Act 2009

Nature Conservation Act 2012

# System of ex situ conservation in Poland.



# The role of the Council in BG network.



# Strategic Plan for Biodiversity 2011-2020, including Aichi Biodiversity Targets

- The tenth meeting of the Conference of the Parties (COP10), held from 18 to 29 October 2010, in Nagoya, Aichi Prefecture, Japan, adopted a **revised and updated Strategic Plan for Biodiversity**, including the Aichi Biodiversity Targets, for the 2011-2020 period.

# **Aichi Biodiversity Targets**

- ***Strategic Goal A:***
- ***Address the underlying causes of biodiversity loss by mainstreaming biodiversity across government and society***

# Aichi Biodiversity Targets

- ***Strategic Goal B:***
- ***Reduce the direct pressures on biodiversity and promote sustainable use***



# Aichi Biodiversity Targets

- ***Strategic Goal C:***
  - ***To improve the status of biodiversity by safeguarding ecosystems, species and genetic diversity***

# Aichi Biodiversity Targets

- ***Strategic Goal D:***
- ***Enhance the benefits to all from biodiversity and ecosystem services***

# Aichi Biodiversity Targets

- ***Strategic Goal E:***
  - ***Enhance implementation through participatory planning, knowledge management and capacity building***

How to fulfill these goals and targets on the country level?

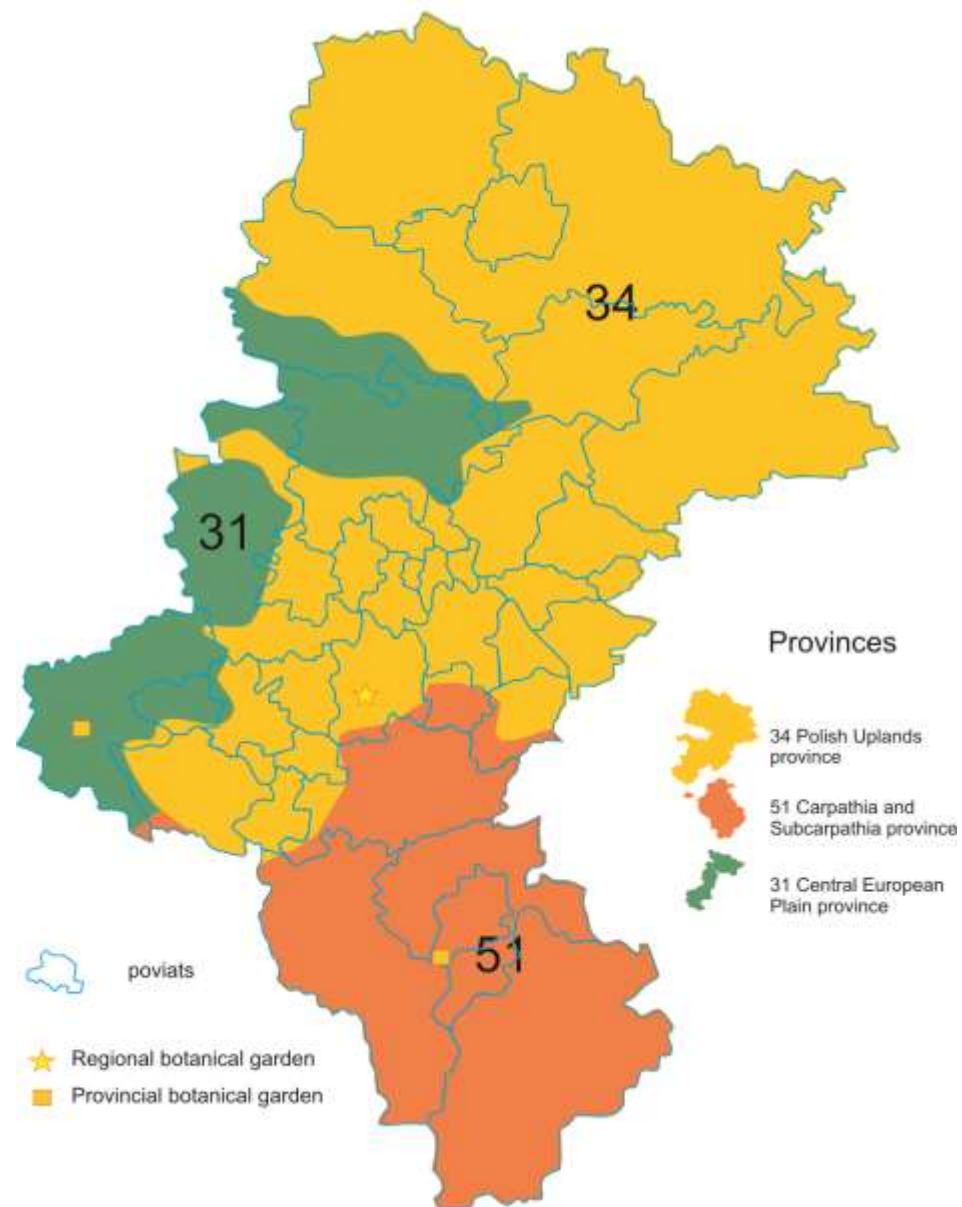
# Geographical Regions in Poland Provinces (Kondracki 2002)



## Provinces

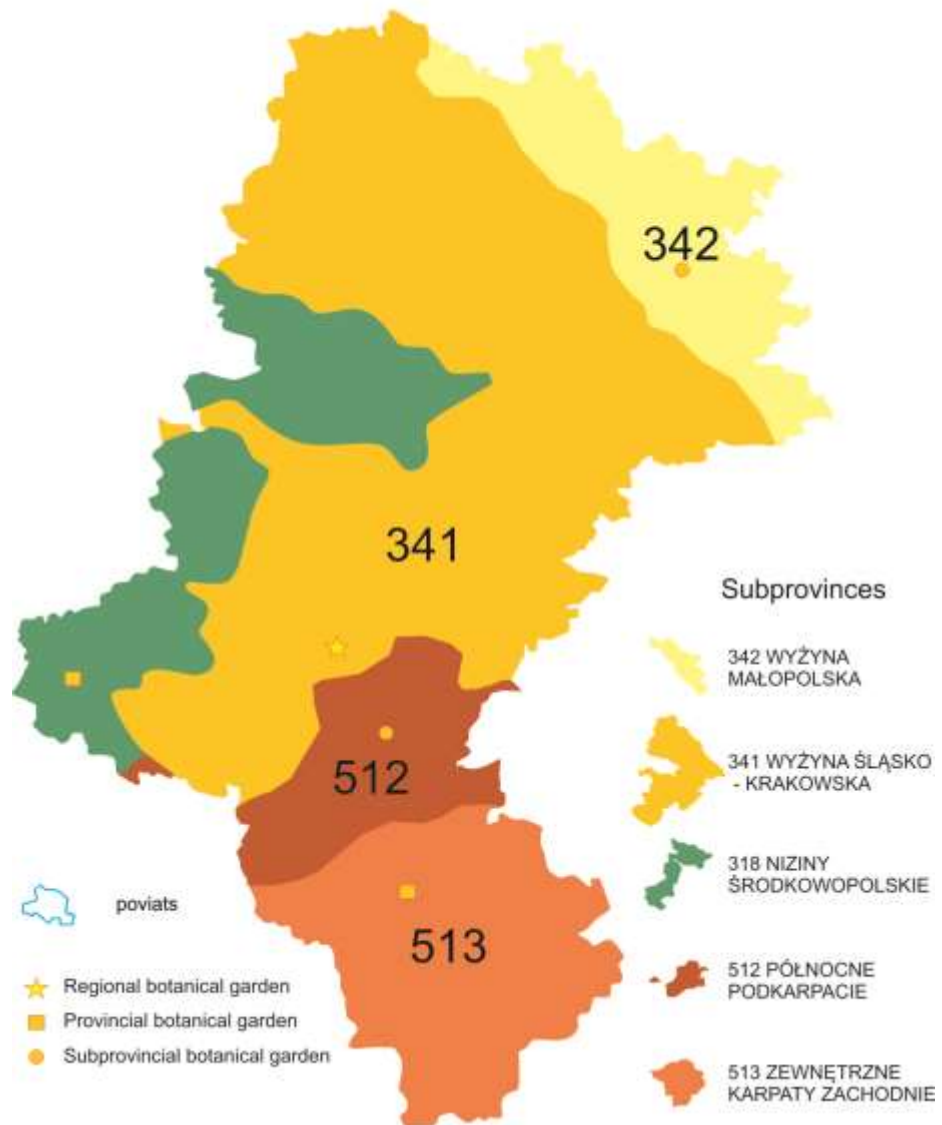


Geographical Regions in Silesian voivodship  
Provinces (Kondracki 2002)

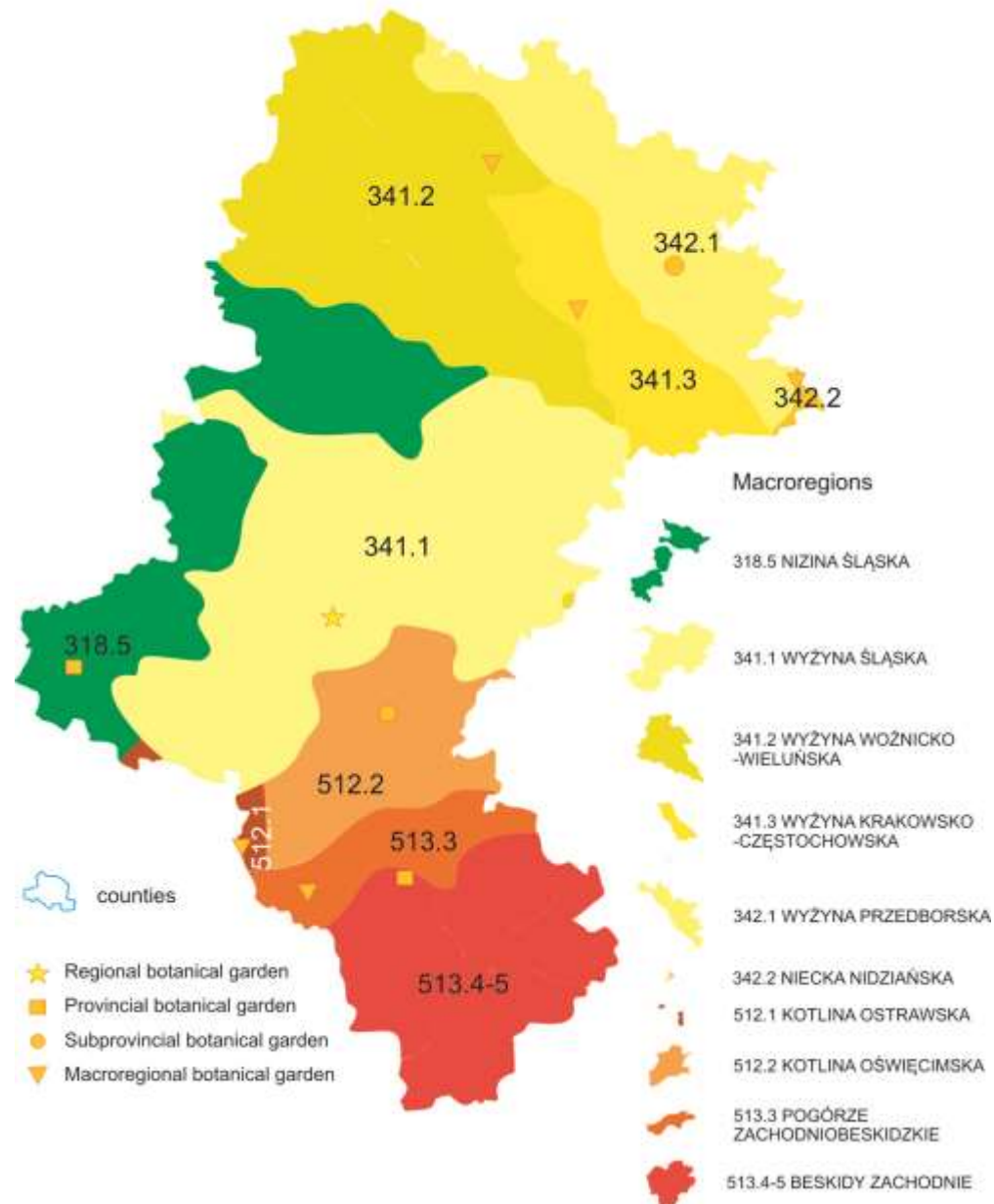




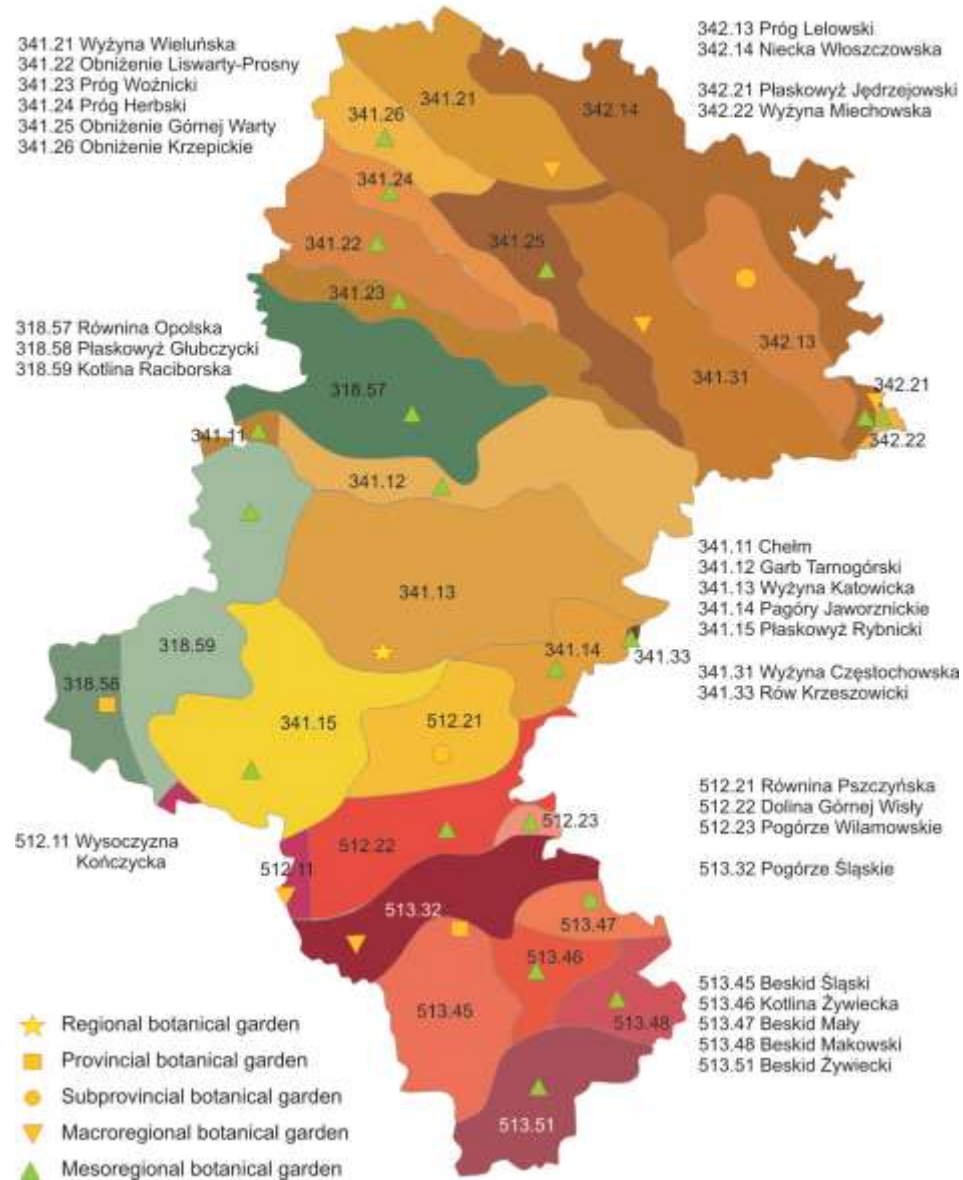
Geographical Regions in Silesian voivodship  
Macroregions (Kondracki 2002)



Geographical Regions in Silesian voivodship  
Macroregions (Kondracki 2002)



# Geographical Regions in Silesian voivodship Mesoregions (Kondracki 2002)



# Administrative map of Silesian Voivodeship - potential places for botanical gardens



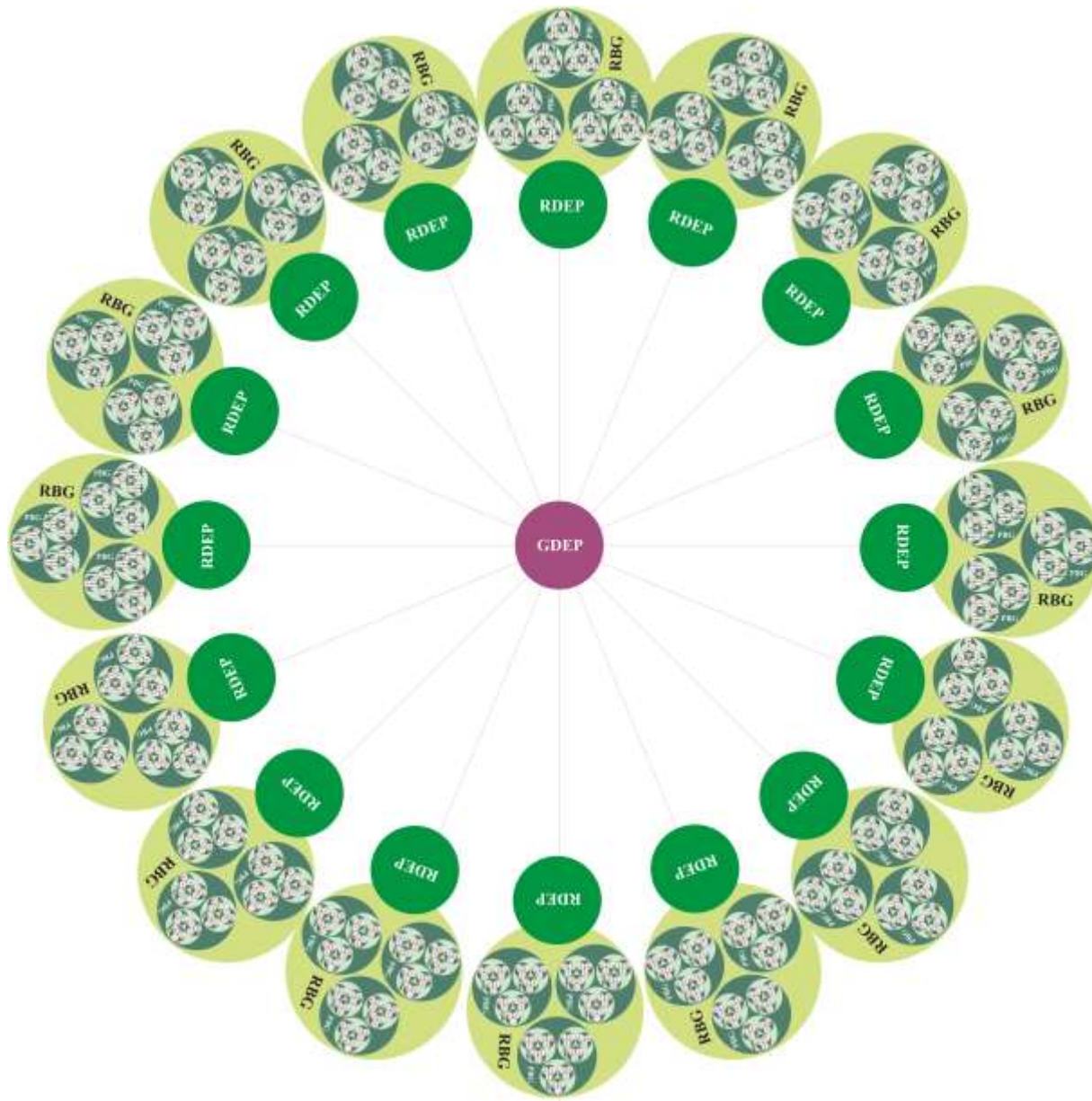
# Can we apply a hierarchy into the network?

growing complexity of the network →





# Could such a system work?

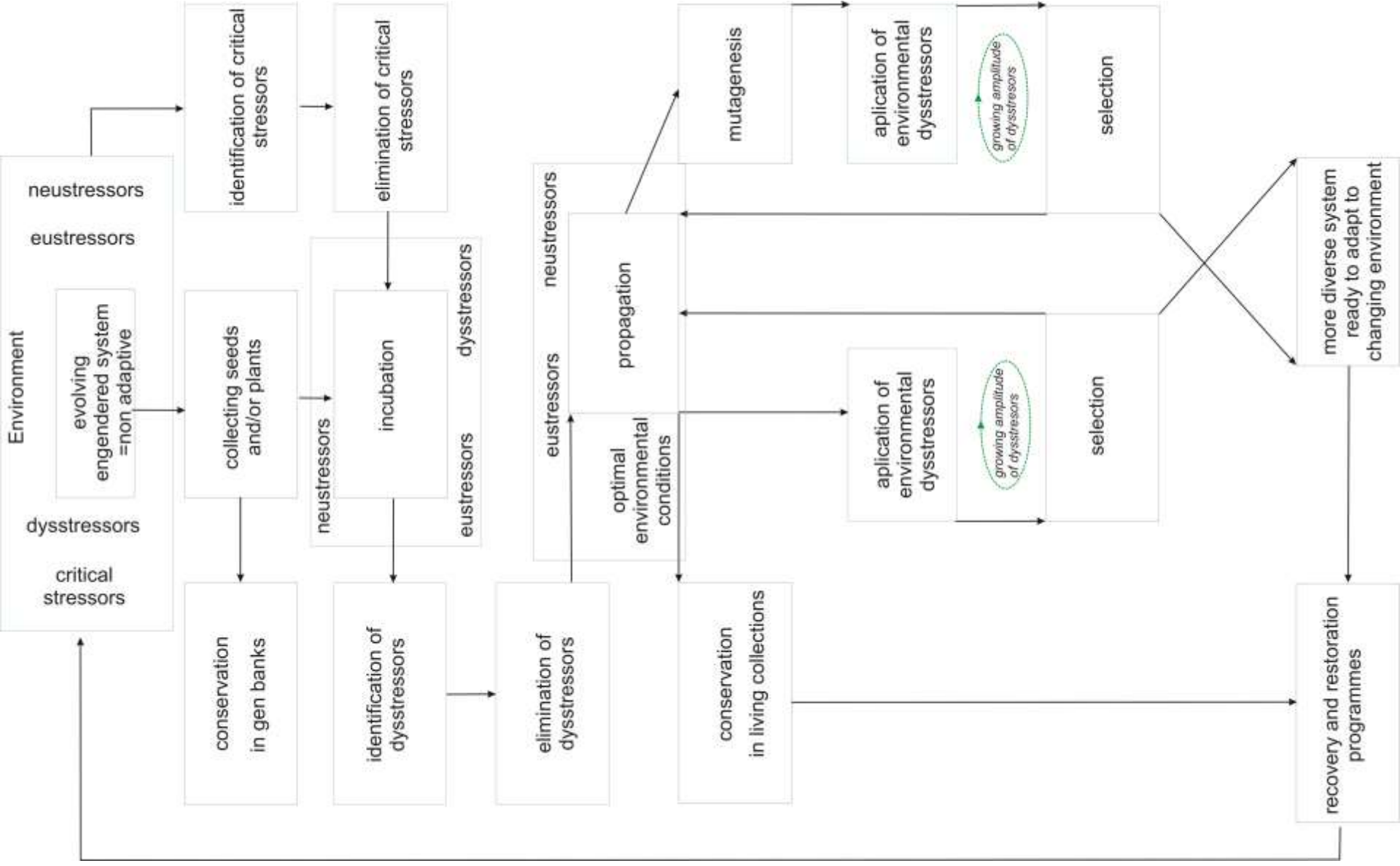






**Thank you!**





# National Parks in Poland

