

▫ **HPP activities from
around the world
that help to counter
Global Warming –
through
adaptation**

Adaptation

**Dictionary definition
relevant for
adapting to climate change:**
*the action or process of
becoming adjusted to new
conditions*

▫ **Climate change adaptation means dealing with the impacts of climate change by anticipating what will come and taking appropriate action to prevent or minimize the damages this can cause.**

Examples of adaptation measures include:

- **using scarce water resources more efficiently,**
- **developing crops more tolerant to droughts or floods,**
- **building up stronger, healthier and more diversified agricultural productions,**
- **becoming more self-reliant,**
- **choosing tree species and forestry practices less vulnerable to storms, floods and fires,**
- **adapting buildings to more extreme weather events,**
- **protecting against floods and rising seas with dykes and natural protective barriers,**
- **protecting and reestablishing vegetation crucial for replenishing groundwater reserves.**

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**HPP activities that make us
better suited to cope with
the warmer world –
adaptation**

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**HPP food producing
Productive Units
preparing us for
a warmer world by**

**building up
greater crop diversity**

□ An important component of the Farmers Clubs is to grow different crops and varieties, making it more likely that at least some will produce in spite of unpredictable weather. Congolese farmers bringing in their crops.



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Women from a Zambian Farmers' Club showing some of their produce.



Open Sunday at Murgwi, Zimbabwe, where local farmers show a great variety of fruits and vegetables.



Some farmers in the clubs collect, multiply and share seeds. This reduces the dependency on seed companies and increases the chance of preserving crop varieties better suited for the unpredictable weather patterns.



- Some farmers in Uttar Pradesh, India, sorting their collection of rice seeds.



□ The HPP India seed project has set up several community seed banks to safely store the seed varieties.



Seed fair at an Open Sunday at Murgwi, Zimbabwe, where local farmers show a great variety of seeds – here beans.



And here groundnuts



□ **Diversification is also about thinking along new lines – for example setting up a production of fish such as in this pond at Frontline Institute, Zimbabwe.**

