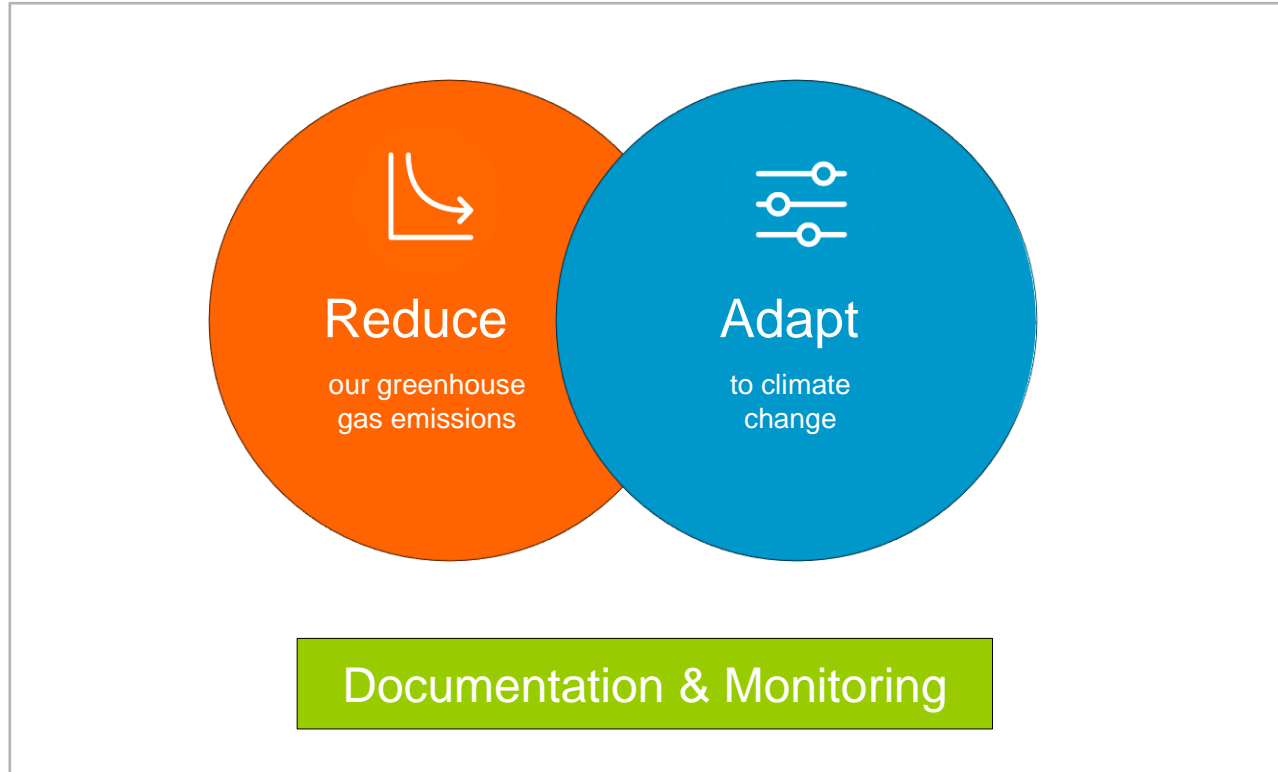






# Mains lines of action of the Vaud climate strategy





# Objectives



## Reduce

50% less territorial (scope 1)  
greenhouse gas emissions in  
2030 compared to 1990

Zero net emission in 2050

- ✓ Quantitative
- ✓ Common metrics among different fields



## Adapt

To minimize the risks linked to  
climate change, to protect the  
population, goods et vital natural  
resources

- ✓ Qualitative
- ✓ Perimeter not defined

# How to start with such an objective ?



**Sectorial actions are already in motion !**

Cf. presentation of UDN, just before !



# How to start with such an objective ?



**Sectorial actions are already in motion !**

**In parallel, develop a systemic view of adaptation**

- ✓ Coordination
- ✓ Distance to target
- ✓ Select priority



**Step-by-step process**

**Monitoring** can help to create a common view of «what is» adaptation



# Recent project

## Development of a monitoring system for adaptation

### Participatory

- 5 workshops in 2022 - 2023
- Experts from within the administration

### Systemic

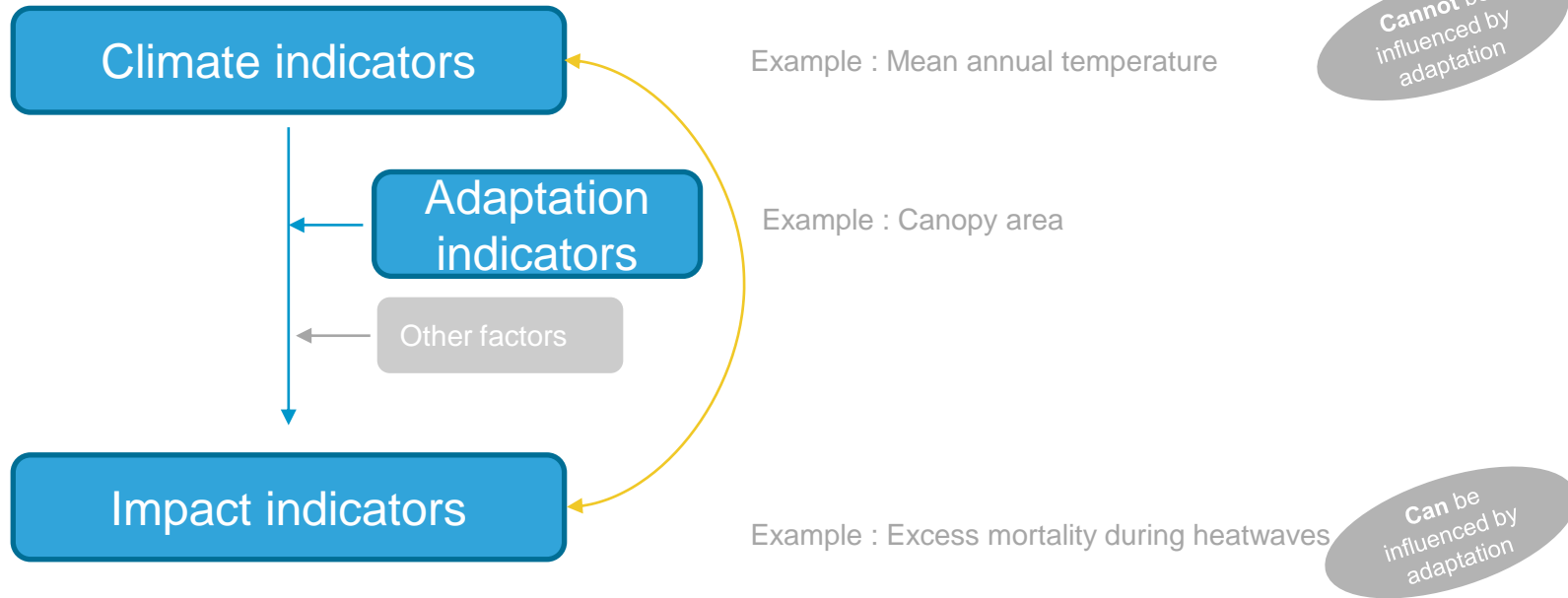
- Analyse the links between different fields
- Avoid analysis of a single domain (silo)

### Easy to manage

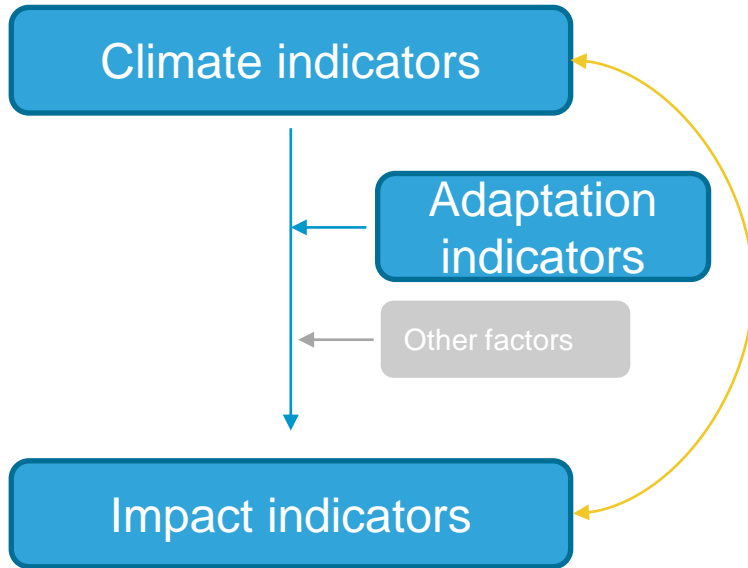
- Existing indicators as much as possible
- No annual collection

In cooperation with HEIG-VD / INSIT

# Results - Typology of indicators



# Results - Typology of indicators



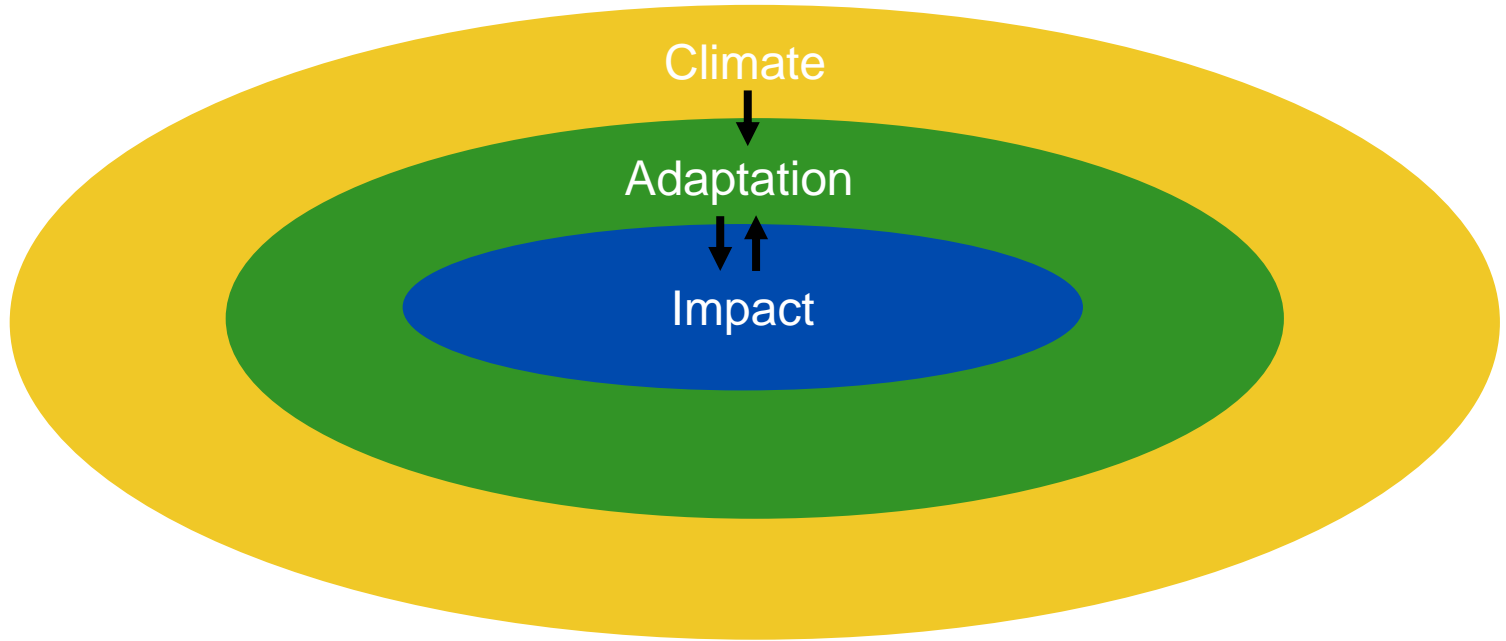
Optimal adaptation  
=  
No additional impacts  
observed

How to monitor that ?

Compare climate and  
impact

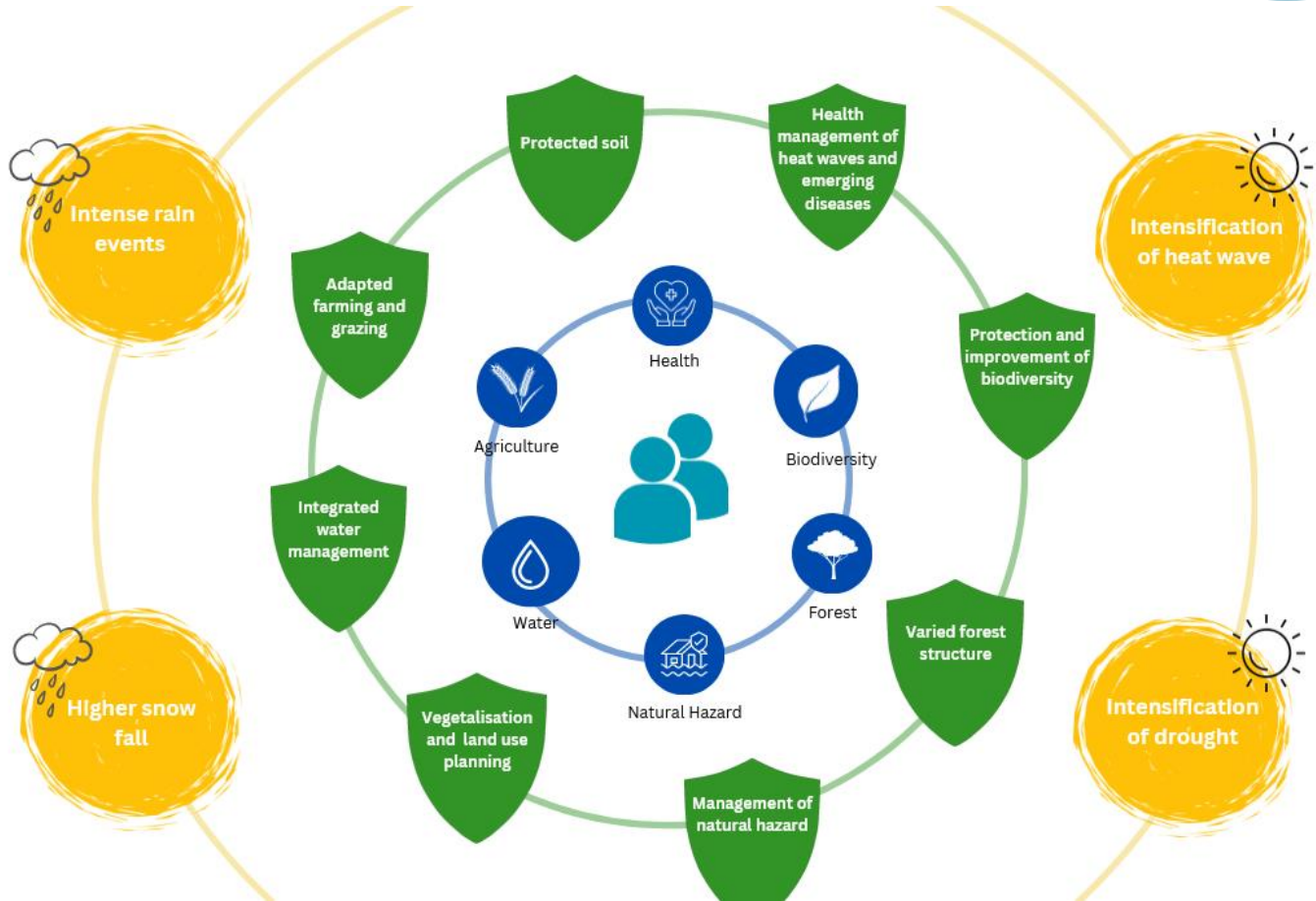


# Common view - general



# Common view- detailed

Work in progress !

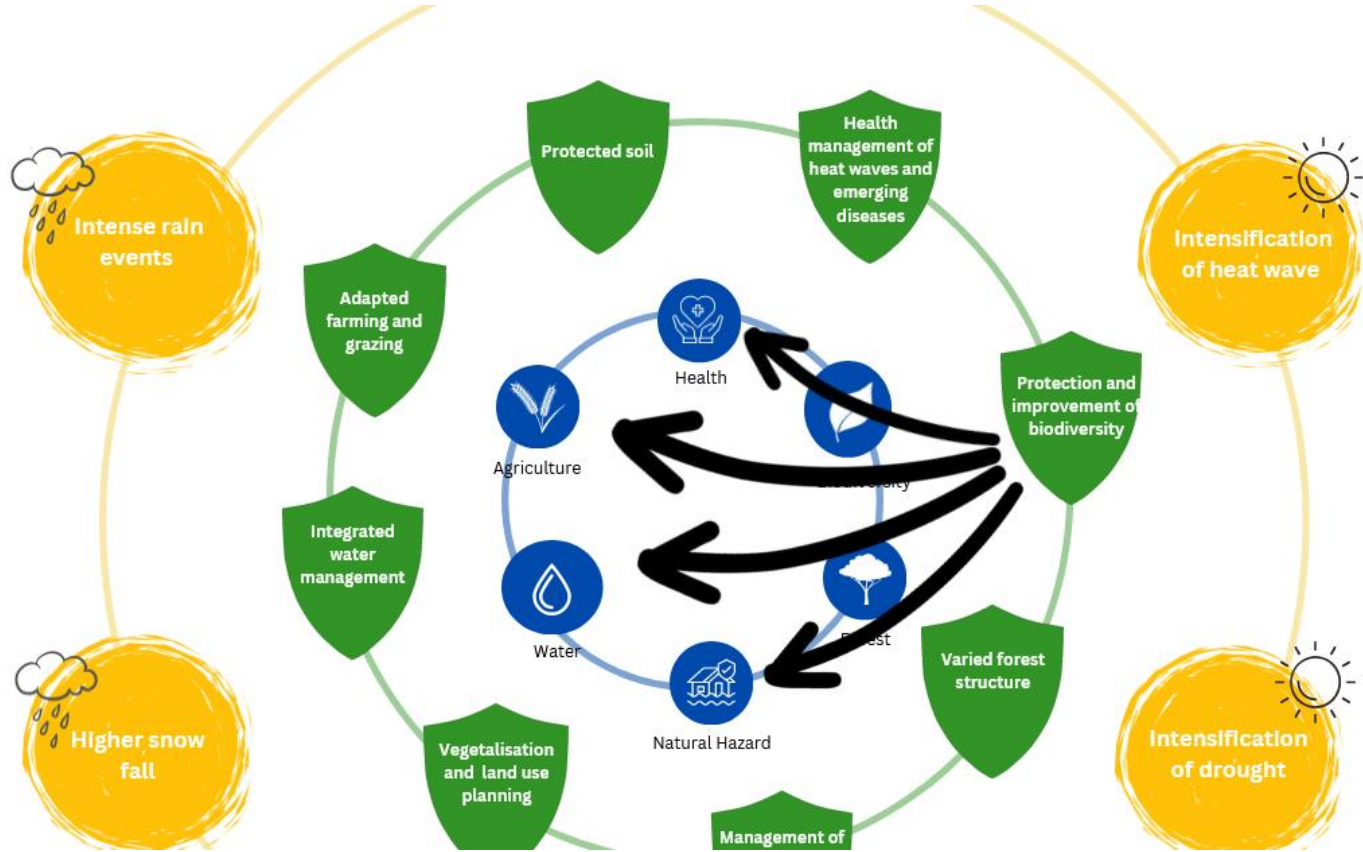


# Obvious links between adaptation and impact



XX

# Links between adaptation and impact



# Selected indicators (partial list)



# Next steps

Among many other things....

**Define objectives in more concrete terms**

**Which are acceptable (or unavoidable) impacts ?**

Limit excess mortality during heatwave  
2°C -> x ; 3°C -> y

**What are priority actions ?**

Increase canopy area in urban setting  
2°C -> x; 3°C -> y

