

# TEEB

## for Agriculture & Food

### Externalities





## Session structure

1. Impressions
2. Omissions
3. Double counting
4. Process



## Impressions

1. Natural Capital Protocol – synergies, contributions
2. Usefulness – high
3. Do we need multiple frameworks?



## Omissions and modifications

1. Visible/invisible
2. Time dimension
  1. Options: colour code short run, long run impacts/externalities/impacts
  2. Narrative to explain how time influences each row
  3. Add as a row (cross-cutting)



## Omissions and modifications

### 2. Potential cross-cutting themes/additions

1. Womens' empowerment
2. Food security and food safety
3. Animal welfare



## Omissions and modifications

### 3. Cultural and regulating services (what is in CICES?)

1. Do we re-establish existence values?
2. 'Maintenance of genetic diversity' [species, habitat]
3. National and natural heritage values
4. Resilience



## Omissions and modifications

### 4. The recipients of the value addition

1. Add a column?
2. Add a narrative description?
3. 'Environmental, social and economic/finance'



## Omissions and modifications

### 5. Health externality

1. Micro-nutrient deficiency
2. Non-communicable diseases
3. Under-nutrition/hunger





## Double counting

1. Biophysical processes – captured in market prices?
2. Pollution – this then affects Ecosystem Services provisioning
3. Risks and Opportunities in framework?
4. Caveat double counting? Separate sheets? Multiple frameworks for different stakeholder groups