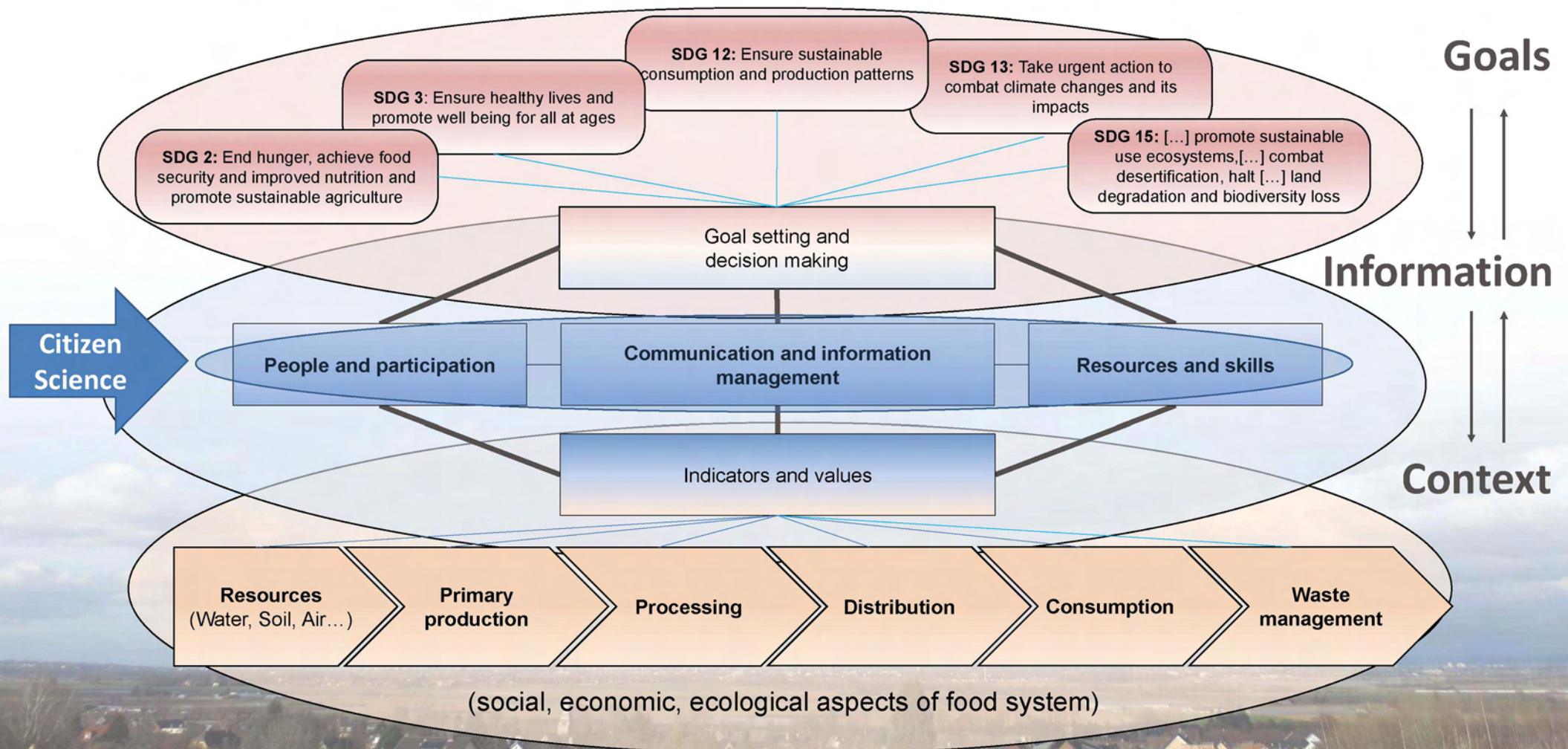




Introduction

- **Ecological, economic, social and nutritional** challenges put pressure on the way how we **produce and consume food**: On the one hand more and more **food has to be produced** in order to satisfy the demand of a growing and changing world population, on the other hand **resources for food production are unevenly distributed and prone to overuse**.
- **Producers and citizens** in their role as consumers as well as **politicians and scientists need to collaborate** to solve the challenges ahead (solve 'real life problems').
- The implementation of **Sustainable Development Goals (SDGs)** needs reliable **information** about well defined systems (food system, city, environment etc.)
- **Research question**: Can Citizen Science be applied in urban food systems?



Citizen Science

- "Citizen Science refers to the **general public engagement in scientific research activities** when citizens actively contribute to science either with their intellectual effort or surrounding knowledge with their tools or resources.
- [...] As a result of this open, networked and trans-disciplinary scenario, **science-society-policy interactions** are improved leading to a more democratic research based on **evidence-informed decision making**" (Socientize, 2013)

Methodology & Results

- Based on a **literature review** and case studies a **Citizen Science Framework** for application in sustainable food system planning was constructed
- **Scale and scope** of the underlying systems shape Citizen Science projects as well as **information needs**
- **Goal setting, decision making, communication and information management** are key issues for setting up Citizen Science projects for management purposes

Acknowledgements

This work was well supported by my colleagues Wiltrud Terlau, Martin Hamer and Darya Hirsch at International Centre for Sustainable development.

Reference

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