# Project Proposal | ETH Zurich World Food System Center

Bayer Research Program - Improving sustainability of agricultural and food systems across key environmental metrics

Submission Deadline: **15 July 2023, 17.00 CET**

# General Information

Principle Investigator

Project Title: Click or tap here to enter text.

Project Duration: Click or tap here to enter text. months

Proposed Starting Date: Click or tap here to enter text.

Requested Contribution: Click or tap here to enter text. CHF

Food System Challenges Addressed (keywords): Click or tap here to enter text.

| Principal Investigator (PI) | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Family name | | | | | First name | | | | | | | Title | | | |
|  | | | | |  | | | | | | |  | | | |
| Date of Birth | | |  | | ETH *Leitzahl* of the PI | |  | | | | | | | | |
| Full name of Institution and Group | | | | Shortform name | Postal address | | | | | | | | | | |
|  | | | |  | Street |  | | | | | | | | | |
|  | | | |  | Zip code |  | | City |  | | | | Country |  |
| E-mail | |  | | | Phone |  | | | | Fax |  | | | | |
| Date, Signature | | | | | | | | | | | | | | | |

| Co-applicant 1 *(please copy and paste for eventual additional co-applicant(s))* | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Family name | | | | First name | | | | | | Title | | | |
|  | | | |  | | | | | |  | | | |
| Full name of Institution and Group | | | Shortform name | Postal address | | | | | | | | | |
|  | | |  | Street |  | | | | | | | | |
|  | | |  | Zip code |  | City |  | | | | Country |  |
| E-mail | |  | | Phone |  | | | Fax |  | | | | |
| Date, Signature | | | | | | | | | | | | | |

# Executive Summary

*Maximum 400 words (Arial font, size 11, 1.15 line spacing)*

*Please note: Technical abbreviations and jargon should be avoided or adequately explained. In particular, the summary should be written in a form that allows the educated layperson to understand the objectives of the proposed research project, the methods to be employed, and the significance of the anticipated results.*

# Project description

*Maximum 10 pages (**Arial font, size 11, 1.15 line spacing), excluding reference list*

## Relevance of the project

1. *Please include state of research, motivation, goals of the project and an overview of the challenge(s) the project aims to address. Identify its applicability to SDG indicator 2.4.1 as well as how it helps to solve inherent tradeoffs that arise upon attempting to achieve SDG indicators.*

### Goals of the project and overview of challenge(s) the project aims to address

### State of research in the respective research field

### Description of own research and experience relevant for this proposal

## Research Plan

*Please include specific objectives, approach, methods and a brief description of work packages and duties for each researcher.*

## Time Plan

*Please provide a time plan as table with three intervals of four months per year (January to April; May to August; September to December) for the entire project duration, including key milestones and outputs for the research, education, and outreach elements of the project.*

## Expected final outcomes and impact

*Please include an overview of specific outcomes expected and intended impact of the project on the challenges addressed.*

## Role of PI and co-applicant(s) in the project

*Please include description of the added value by the collaboration and letter(s) of support where applicable.*

## Reference List

*In describing the state of research, it is essential to include appropriate references to the most recent work of others, as well as those of the PI and co-applicants. With regard to the reference list, each reference must include (i) the names of all authors in the order as published, (ii) year of publication, (iii) title of the article, (iv) title of the journal or book, (v) volume, and (vi) page numbers. If a publication or other relevant manuscript is available electronically, the website address may be provided. References to gray literature material (e.g. unpublished reports, papers in obscure or difficult-to-access journals) are discouraged unless sufficient relevant information from them (e.g. figures) is included in the application.*

# Financial Information

*Please use current ETH salaries to budget personnel costs (for postdoctoral researchers, ETH standard rates apply).*

## Budget overview

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Cost Type** | **Year 1** | **Year 2** | **ev. Year 3** | **Total Amount** |
| Personnel Costs (incl. social security) |  |  |  |  |
| Travel |  |  |  |  |
| Consumables |  |  |  |  |
| Services and Fees |  |  |  |  |
| Education |  |  |  |  |
| Outreach and Communications |  |  |  |  |
| Other |  |  |  |  |
| **Total** |  |  |  |  |

### Contribution of resources of the PI and co-applicant to the project

*Please provide a breakdown for each budget line item given above.*

Total estimated value of own contribution: Click or tap here to enter text. CHF

# CVs of Applicants

*Maximum 2 pages per applicant.*

# Suggested Reviewers

*Please list* ***three*** *potential external reviewers in the table below. Suggested reviewers should be independent of the applicants and anyone that may receive funding as a result of the project. To facilitate the review process, please do not list the same reviewers for multiple applications.*

*Please note that external reviews will only be solicited in the case that the Evaluation Committee decides they are required.*

| **Designation** | **First Name** | **Surname** | **Institution** | **Unit / Department** | **Email Address** |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

***Please email the project sketch to the WFSC before***

***15 July 2023, 17.00 CET***

***The following email address should be used for the submission:***

[***wfsgrants@ethz.ch***](mailto:wfsgrants@ethz.ch)