

IntensAfrica

Building a Research and Innovation partnership programme between Europe and Africa on sustainable intensification of agro-food systems



IntensAfrica: what is it about ?

- A long term support, co funded by Europe and Africa, to Research and Innovation communities from Europe and from Africa, with a particular attention given to the NARS.
- A programme large enough to
 - go beyond controversies, recognizing the value of diversity in solutions, contexts and stakeholders strategies.
 - integrate the value–chain dimension (“filière”) and the geographical dimension (from field to farm to region and nations)
- European ARD activities better aligned, with greater coherence, enhanced synergies and international visibility.

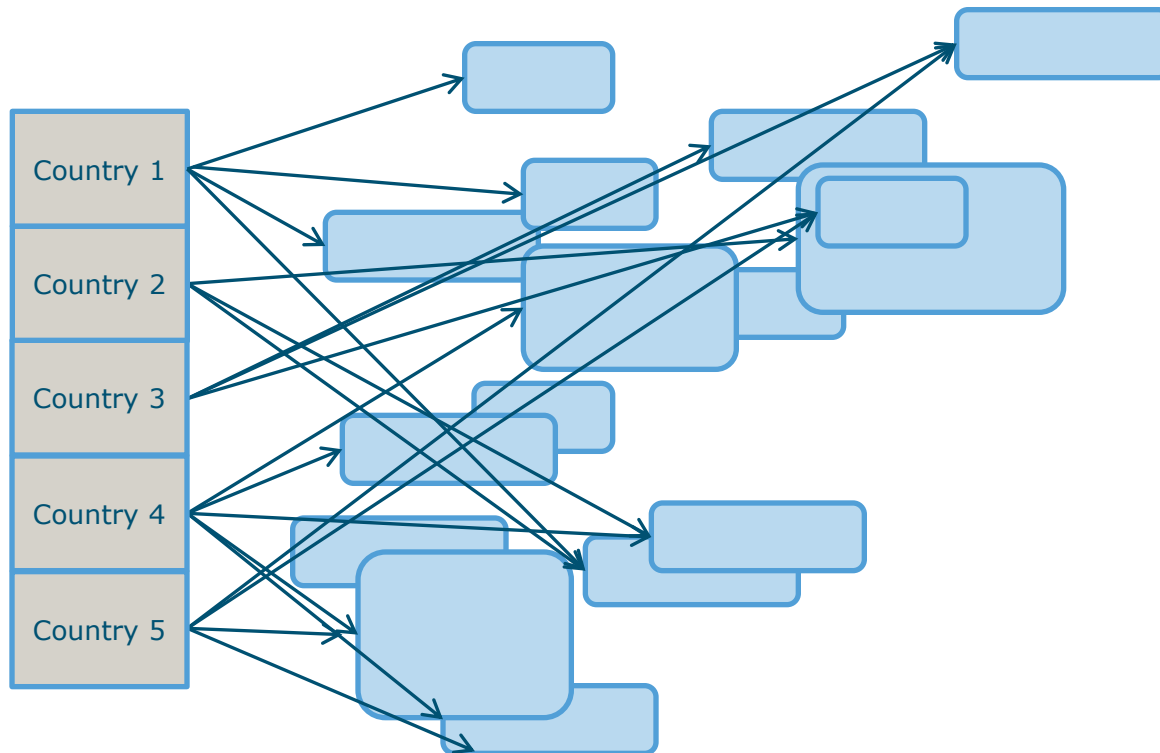
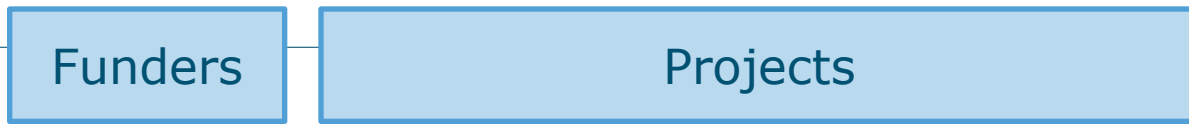
IntensAfrica initial steps

- 2012: Initial contacts between Cirad and Dg RTD
- 2012/2013: Institutions from 13 EU countries (BE, CH, CZ, DK, FR, IT, IR, UK, HU, NL, PT, SP, SW) demonstrate interest and ask WUR and CIRAD to co-lead
- Various meetings with EC officials have been held, for information and guidance
- July 2013: Participation to FARA's science week in Accra: interest of NEPAD, FARA, SROs and NARS confirmed ; AU informed; alignment with SAAA strengthened
- November 2013: Presentation at the EU-AU High Level Policy Dialogue on STI, in Brussels.

IntensAfrica initial steps

- 2014/2015: Development along two parallel streams
 - Horizon 2020 (CSA) project : **ProIntensAfrica**. Submission in 2014; start April 2015, for 2 years); Cirad coordinating definition of R&I agenda
 - Participation to the group of experts established in 2014 by the **HLPD** to propose a Roadmap *“towards a jointly funded EU-Africa Research & Innovation Partnership with an initial focus on food and nutrition security and sustainable agriculture”*..
- 2017/18 ? Large scale/long term partnership...

Current situation

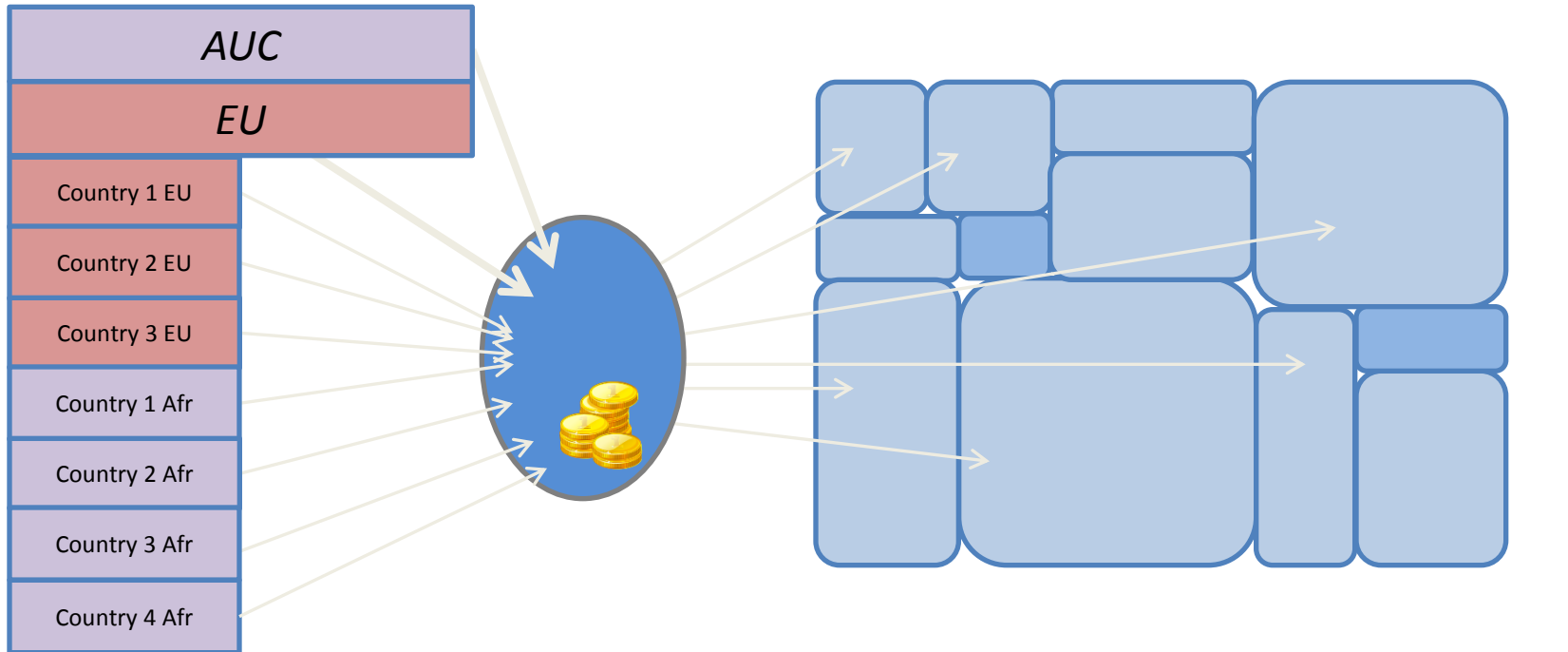


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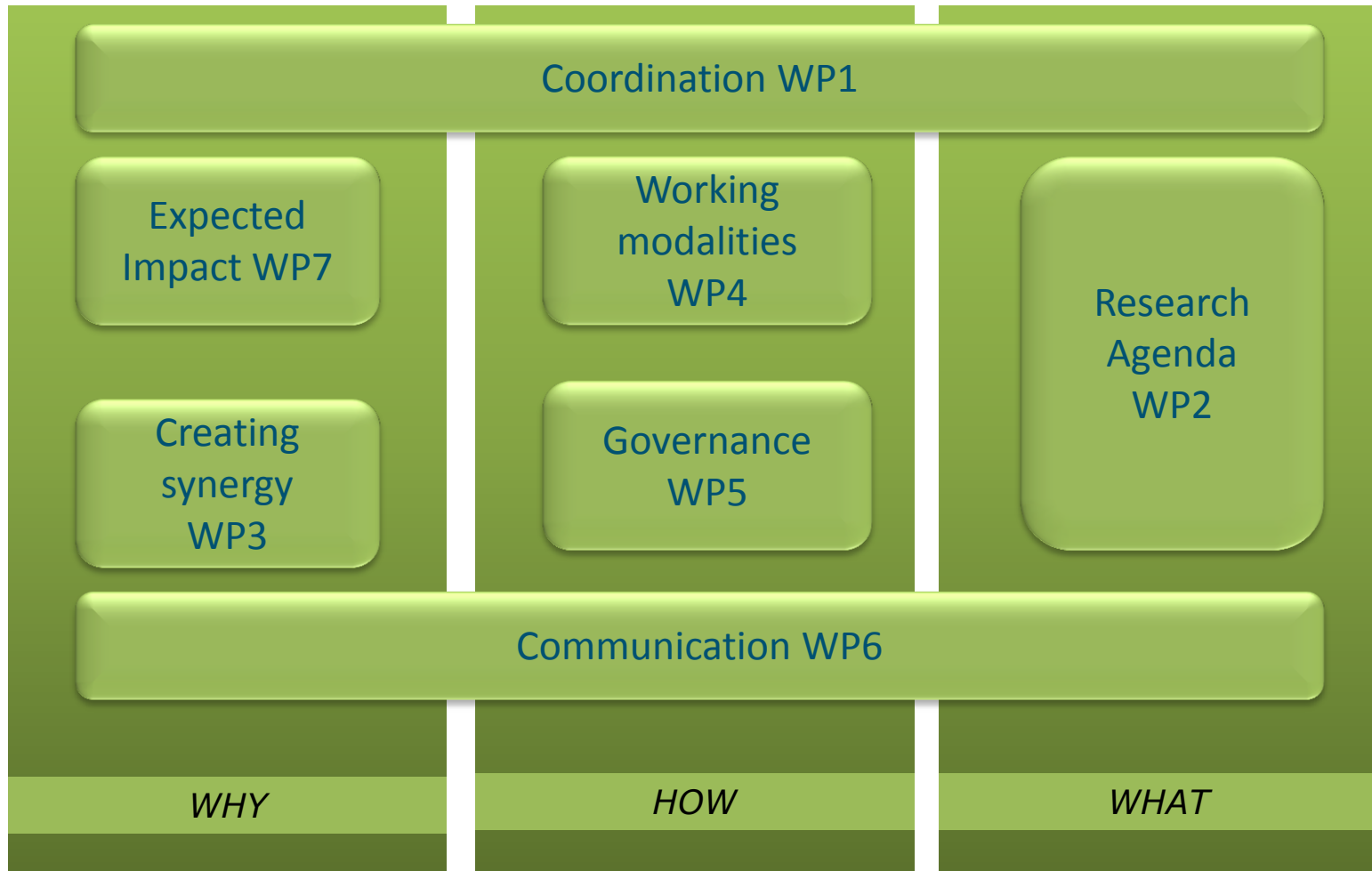
Funders

Coordination

Projects



IntensAfrica: CSA



Proposed methodological approach to build the R&I Agenda (WP2)

Two principles:

- (i) considering a wide spectrum of documented intensification options and pathways for Africa;
- (ii) organizing a participative approach inclusive for the necessary diversity of stakeholders.

A major objective: to Identify gaps for research to be developed in a subsequent larger initiative

A methodology

- Step 1: Tentative typology for intensification pathways:
- Step 2: Formulation of criteria
- Step 3: Participative analysis and prospective

STEP 1 Different pathways that make sense for Africa (and for Europe)

Tentative typology :

- The “*Conventional*” pathway”: intensification through inputs, genetics, energy and machinery
- The “*Organic Agriculture*” pathway.
- The “*Agroecology*” pathway.
- The “*Sustainable Intensive Agriculture* ” pathway

(To be discussed and finalized with the mapping WP)

Step 2: Formulate criteria + indicators

Two principles:

- Developing a comparable set of results
- Assessing the outcomes of documented intensification options;

Four scales

- Crop plots
- Farming systems
- Community, local territory and governance
- Country, economic development, sectorial policies

Step 3: Data analysis and prospective

A: Documenting a network of situations from selected intensification pathways

- Different IA scales
- Different selected IA ecosystems- Different initial socio-economic situations

B : Developing scenarios Framework

- To organize pluri-disciplinary working groups
- To design categories of criteria and corresponding indicators

C : Complementing the analysis through role games, participative mapping, multi agents systems, ... modeling

WP2-1 Literature review on intensification pathways

- Pathways and sustainable intensification, both from an academic and a practical viewpoint.
- Both purely research situations (usually documented in academic literature and related
- Databases and development oriented situations (which may only be documented in difficult to access grey literature)
- Access grey literature or through interviews with key informants

WP2-2: Case study framework

Assessing intensification pathways and the related innovation processes through case studies

“Case studies will be selected which focus on selected real-life situations where the main intensification processes has been on-going for some time among multiple stakeholders”

Assessing intensification pathways and the related innovation processes through case studies

- 4 In depth case studies to identify the key nodes and processes (surveys, stakeholder panels)
- 12 light case studies where to complete the geographical, agroecological, linguistic, demography etc... diversity.

Outputs of the participative process:

- Obvious research questions -> *all scale basic research*
- Existing available results to be mobilized -> *knowledge management*
- Controversies -> *specific working groups, expert meetings etc.*
- Questions related to over simplistic presentations, to be built through interactive processes. -> *New concepts*
- Cross- cutting with other international initiatives on climate smart agriculture, biodiversity, desertification -> *exploring convergences*

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...let's make it happen...

