Partners

Belgium:

VITO – Flemish Institute for Technological Research

France:

IRSTEA – National Research Institute of Science and Technology for Environment and Agriculture

PHYTOREM S.A.

INRA – French National Institute for Agricultural Research

Germany:

BIOPLANTA GmbH

GIZ – Deutsche Gesellschaft für Internationale Zusammenarbeit

SIMA-tec GmbH

S.T.E.P. Consulting GmbH – Specialists in New Technologies, Energy and Process Engineering

UFZ – Helmholtz Centre for Environmental Research

Greece:

ENVINHEALTH – Environmental Nutritional and Health Services SA

TUC – Technical University of Crete

Italy:

CER - Consorzio di Bonifica di Secondo Grado per il Canale Emiliano Romagnolo

COORDINATOR: IRSA-CNR – Italian National Research Council - Water Research Institute

HORTA srl

UNIBO-DICAM – University of Bologna-Department of Civil, Environmental and Materials Engineering

UNIBO-DISTA – University of Bologna-Department of Agroenvironmental Sciences and Technologies

UNICT-GESA – University of Catania-Department of Agri-food and Environmental Systems Management

UNIRM- Sapienza University of Rome – Department of Chemistry

Netherlands:

ALTERRA – Stichting Dienst Landbouwkunding Onderzoek

Swiss Confederation:

BIONACTIS - BionActis International Group SA (Bionactis)

FHNW – University of Applied Sciences Northwestern Switzerland (Swiss Confederation)

INOFEA GmbH

United Kingdom:

NERC – Natural Environment Research Council Centre for Ecology and Hydrology

EU

www.Water4Crops-EU.ba.irsa.cnr.it

India

www.icrisat.org/what-we-do/agro-ecosystems/projects/Water4Crops/introduction.htm

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Water4Crops

Integrating bio-treated wastewater reuse and valorization with enhanced water use efficiency to support the Green Economy in EU and India

New business opportunities in agro-food industry through the implementation of a sustainable Green Ecconomy

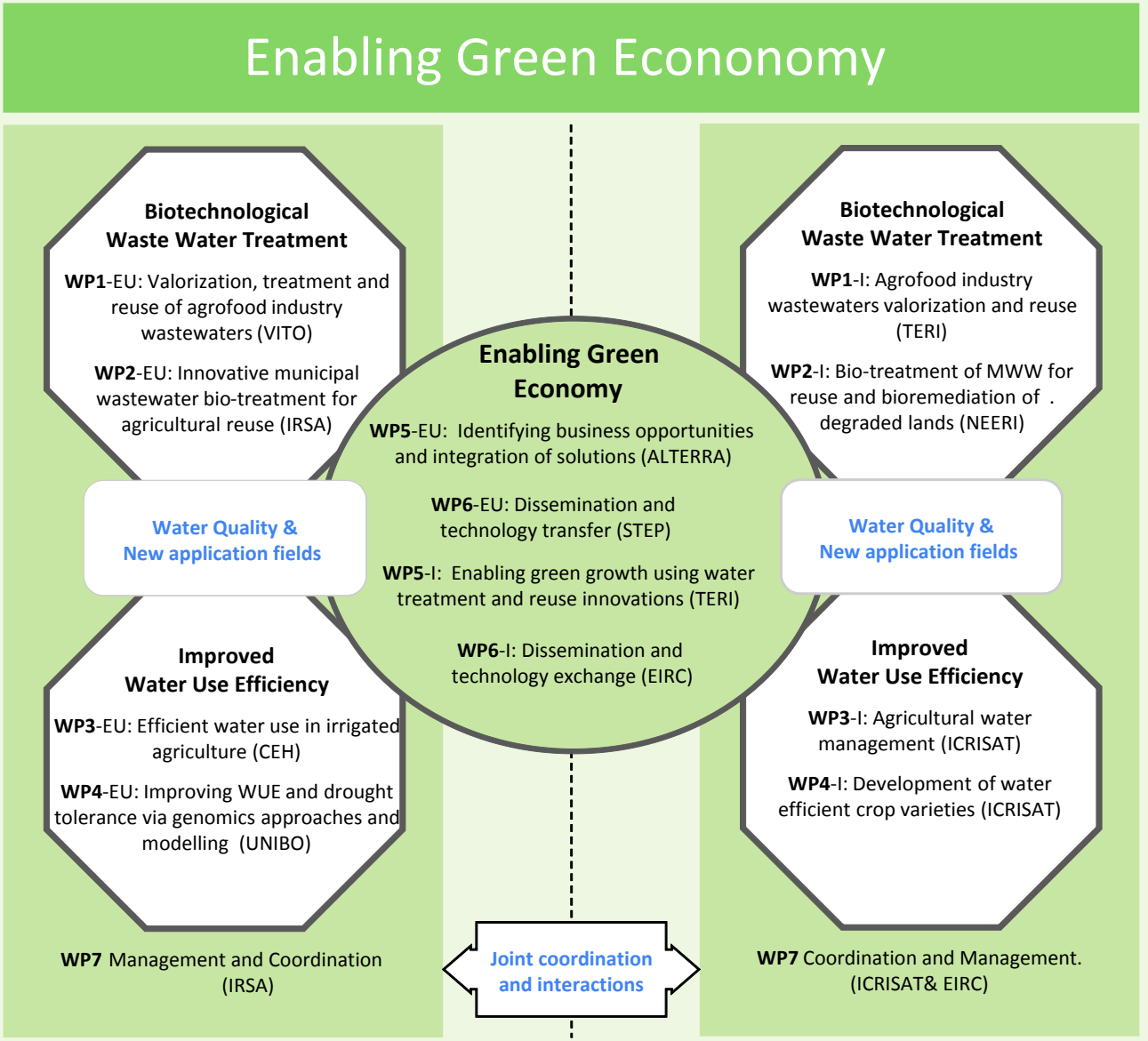
Objectives

The project is essentially aimed at:

- Developing innovative bio-technological wastewater treatments for enhancing wastewater agricultural reuse.
- Co-creating innovative combinations of bio-treatment, recycling of water and high-value products, and bio-productions for the development of biotechnologies and agri-business in Europe and India towards a "green growth".
- Improving water use efficiency through improved agronomics, plant breeding and new irrigation technologies.
- Enhancing stakeholder participation in the co-creation process and Europe-India cooperation through Mirror Cases approach and INNOVA platforms.

Key data

- Acronym: water4crops
- Contract No: FP7-KBBE-2012-6-311933
- Total cost: 6 Mio €
- Duration: 1 Aug. 2012 – 1 Aug. 2016



Cooperation with India

The "Water4Crops-EU" project is linked to the twin project "Water4Crops-India", financed by the Indian Government through the Department of BioTechnology (DBT).