



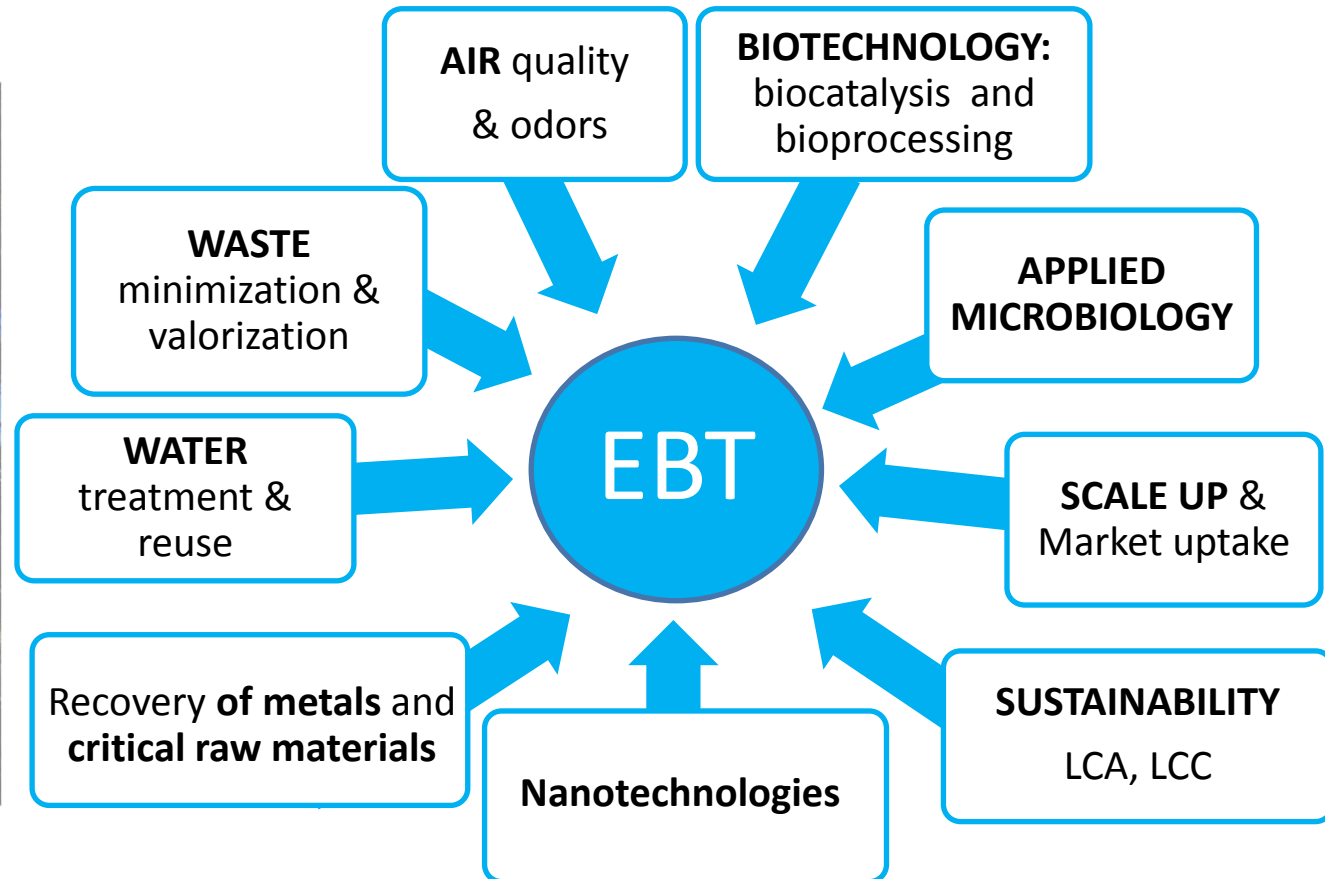
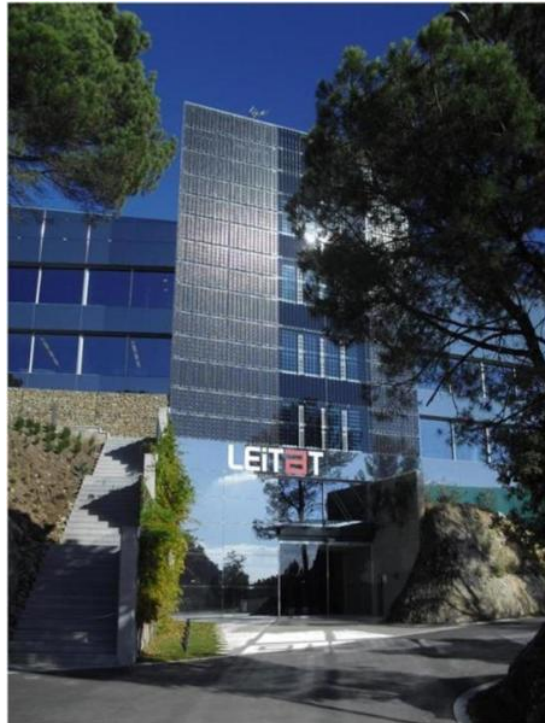
EL PARTNER
TECNOLÓGICO

Infoday on 2015 calls – H2020 SC5
WATER 1B

17/11/2014

Dr. Lara Valentin
International Project Manager
lvalentin@leitat.org

ENVIRONMENTAL AND BIO TECHNOLOGIES COMPETENCES



WASTE 1B – CONCEPT IDEA



ADVANCED TERTIARY TREATMENTS FOR INTEGRATING TO WWTPs

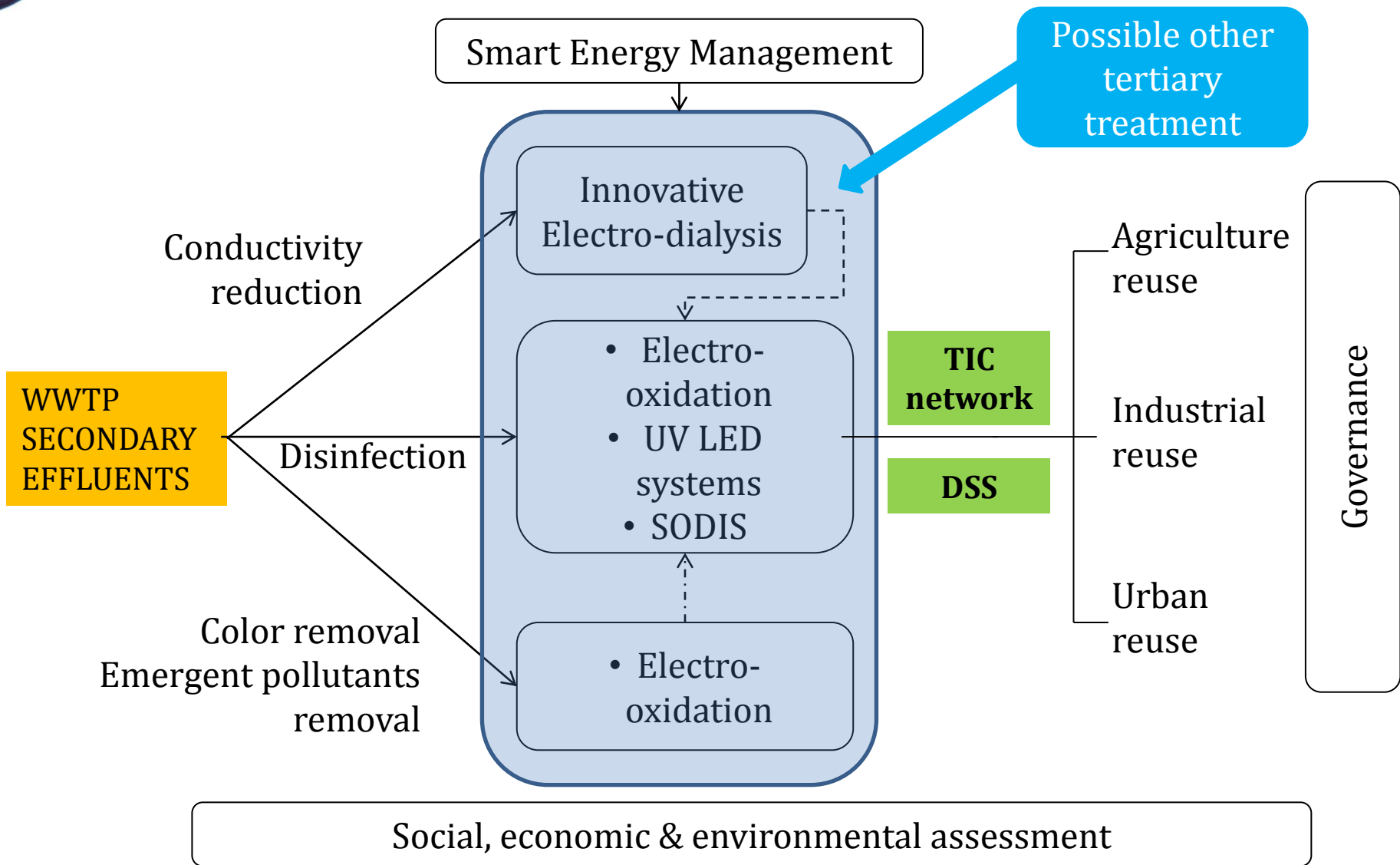
Proposal focused on:

- **Innovative Electro-dialysis**
- **Electro-oxidation**
- **UV LED systems**
- **SODIS**
- **Electro-oxidation**
- **Other tertiary treatments**
- Overcome the current limitations of these technologies
- Demonstration project: from the laboratory to pilot scale.
- Addressing the **thematic priorities of EIP on Water**: water treatment (process streams, industrial wastewater, urban wastewater), water reuse.
- Focus on **cross cutting priorities of the EIP on Water** (water governance, DSS and monitoring, financial & innovation).



WASTE 1B – CONCEPT IDEA

ADVANCED TERTIARY TREATMENTS FOR INTEGRATING TO WWTPs



PARTNERS ROLE AND PROFILE



Name	Type	Country	Role in the project
Leitat Technological Centre	Research Centre	Spain	<ul style="list-style-type: none">• Coordinator• Research and development of innovative water treatment technologies (electrooxidation)• LCA, LCC, social assessment, ETV

PARTNERS ROLE AND PROFILE

Profile	Type	Country	Role in the project
Research institute	Research Institutes	?	Research and development of advanced technologies that could be applied as tertiary treatment.
Company with expertise in automation, control, information system, etc.	SME or High company	?	DSS and control/automation of the whole water treatment demonstrator
Engineering with expertise in electrochemical technologies and/or AOPs	SME or Large company	?	Pilot modules design, construction and automation
Company with expertise in renewable energies and smart power management (pending)	SME or Large company	?	Renewable energy supply pilot modules design, construction and automation
Company with expertise in dissemination & exploitation actions and water governance	SME or Large company	?	Leader of Dissemination & Exploitation WP Water governance
Water company interested in innovative water solutions	SME or Large company	?	End-user 1
Water company interested in innovative water solutions	SME or Large company	?	End-user 2
Public administration that manages several public WWTPs	Public administration	?	End-user 3

Leitat

Acondicionamiento Tarrasense

Tel. (+34) 93 788 23 00

Fax (+34) 93 789 16 06

www.leitat.org

info@leitat.org

Terrassa

C. de la Innovació, 2

08225 Terrassa (Barcelona)

Barcelona

Parc Científic de Barcelona

C. Baldri Reixach, 15-21

08028 Barcelona

Igualada

IG-NOVA

Technoespai

Av. Barcelona, 105 D-5

08700 Igualada

Terrassa



impulso

Ciudad de la Ciencia
y la Innovación

Ministerio de Ciencia e Innovación



SOCIAL NET:



EFQM
Recognized for excellence



EMAS
GESTIÓN AMBIENTAL
VERIFICADA
ISO 14001



Nº 18/LE 026
Nº 18/LE 274



Organismo Notificado 0102



Reducción voluntaria de CO2
Nº 18/LE 026

Thanks for your attention

LEITAT | Technological
Center
managing your technologies member of **TECNIO**

Vincent Jamier – vjamier@leitat.org
International Project Manager – Nanotechnology Expert Leader of Vision2020