



SWELIA

A Corporate Network in the Water Industry

Strategic Alliance





SWELIA

87 Companies In The Same Network

- *More than 4,000 employees*
- *Gross Income over \$1 billion €*
- A cluster offering:
- a complementary chain of multi-competence
- a complete expertise all over the chain

Swelia offers the right solution and optimizes the cost, flexibility, sustainability and efficiency



Innovation by Swelia

Innovative commercial offers (advices or services)

And/or

Offers providing innovative technologies

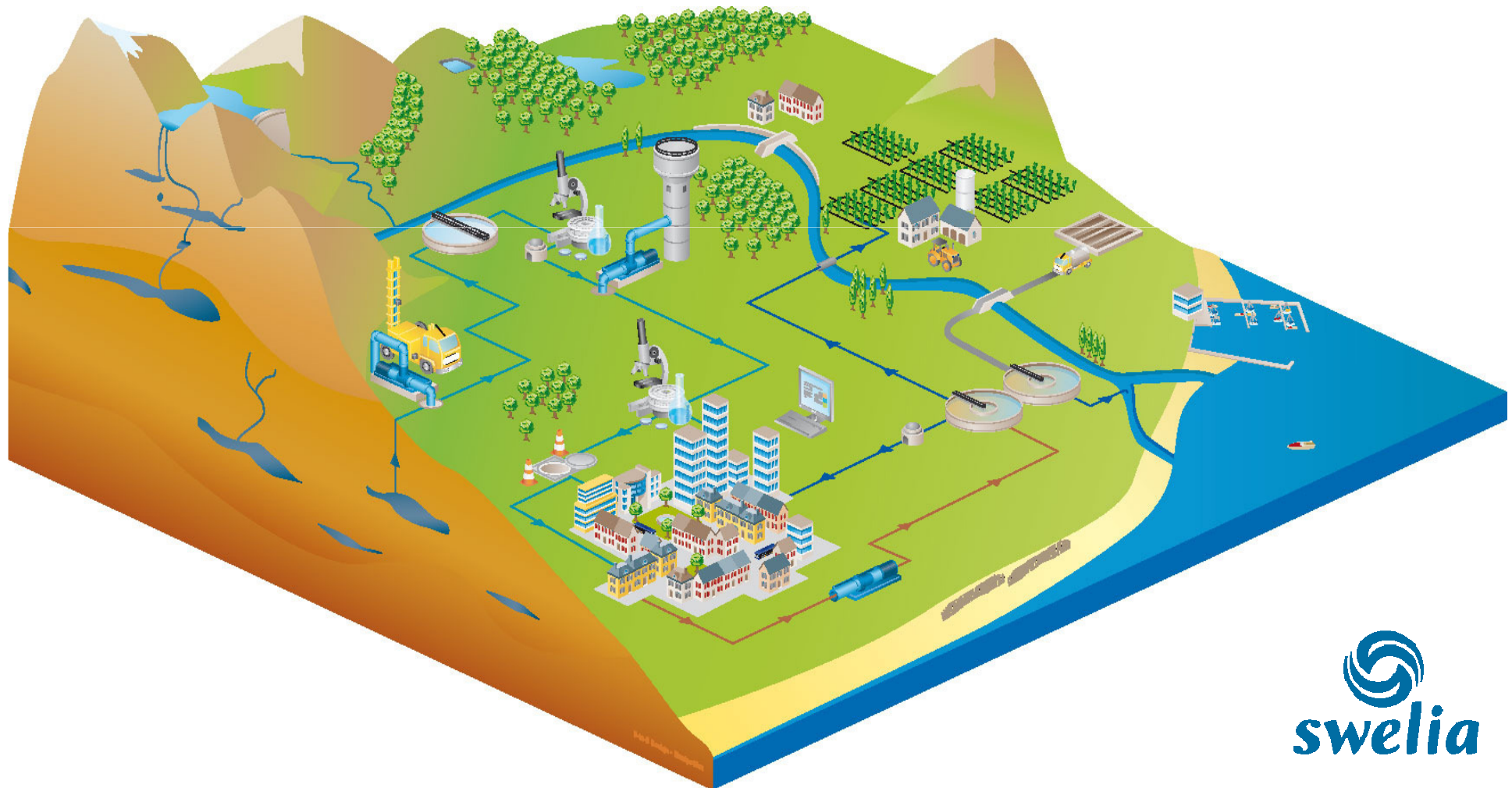
Innovation by Swelia

Exemples of developped themes:

- Fat or waste treatment
- Waster water reuse
- Humid vegetated areas
- Emerging pollutants

The Water Cycle Under Control

1/2



Needs

- **Administration of the stock**
- **Treatment**
- **Analysis & control**
- **Drinking water / transfer**
- **Sanitation and ground water replenishment system**
- **Irrigation and water waste reuse**

Global Solutions

from the conception to the realization

- **Research / process**
- **Engineering / surveys**
- **Complete solution**
- **New project / retrofit**
- **Equipments / pipeline**
- **Administration of the system**

Strength of Swelia Network Chain

- Established partnerships
- All in one expertise (integration of expertise)
- Update on new technologies and innovations

Alliances & Know-how
from Small Medium business
to world leader for big project

Improvement of water management and sanitation

- Improvement of the water resources management
- Realization of big & efficient projects
- Carbon footprint limitation / Sustainability
- Maintenance and efficiency

To get steps on the future evolution of the water chain with all the professionals

Reference in France Antea-BRL

- **Reimprovement of maritime aspect of the Mont Saint Michel France (Manche)**
- **Drinking water schematic mapping**
- **Diversification of underground water resources**



Reference France BRLi

- Reimprovement of the maritime aspect of le Mont Saint Michel



BRLi : head of the groupment in charge of the administration of the new dam on the river le Couesnon

French Reference Terra Sol – Akaeno & BEMea

- **TERRA SOL – AKAENO**

**Installation of an experimental grease-based waste treatment on the composting platform at Elne (unit Illiberis, France). Project of a multi modal site.
Installation: 4th quarter 2009 or 1st quarter 2010.**

- **TERRA SOL - BEMea in particular**

A lot of sites of lagoon cleaning-out, of project management (remediation of dumps, designing of composting platforms)

International reference Antea-Egis BCEOM

- **Drinking Water Program
Access of the 9th FED,
TCHAD:**

**Supplying water to
agricultural population
in Tchad**

**Shared Partnership – 4
Yrs Project**

Country: TCHAD



Other International Reference BRLi

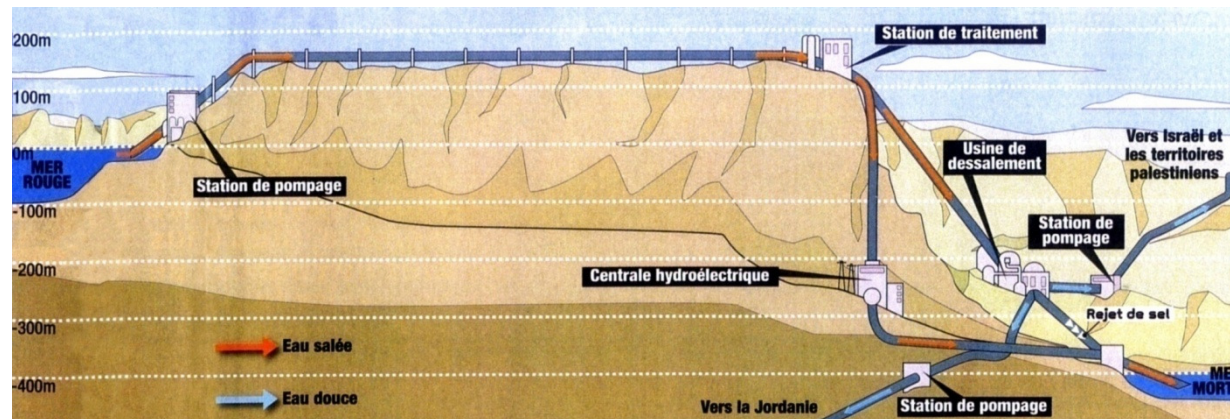
Survey about the Environmental Impact of the water transfer between Red Sea and Dead Sea



‘ The Project of Peace ‘

- Pump facility in the Red Sea 60 m³/s
- Pipe Line # 180 km
- Sanitation plant with desalination
- Hydroelectric plant
- Refurnishment of the Dead Sea
- Drinking water supply and irrigation

project with ERM / BRLi / Ecoconsult



International Reference: Terra Sol – Ginger

Survey about sludge evacuation in the wastewater treatment facility of Wilaya in Alger and four levels based in four different location : Reghaïa, Beni Messous, Staouaki, Baraki.

More than 1.5 million d'EH concerned.

In process in 2009

International references:

- **BRL – MERLIN**

Survey of the Benzine hydraulic system including a 12.000 m³ reservoir for drinking water in Alger (Algeria)

- **EGIS – MERLIN**

In Salah Tamanrasset - 2 pump facilities for drinking water (Algeria) (drinking water carriage over 700 km through the desert)

- **SAFEGE / MERLIN :**

Casablanca, Morocco - Survey an anti-pollution system in the Eastern zone of Casablanca



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