

A stylized illustration of a city skyline with various skyscrapers. In the foreground, there are silhouettes of four people: two on the left appear to be in conversation, one in the center is carrying a bag, and one on the right is standing with hands on hips. The background features a large, glowing circular light source behind the buildings. The overall color palette is dominated by shades of blue and purple.

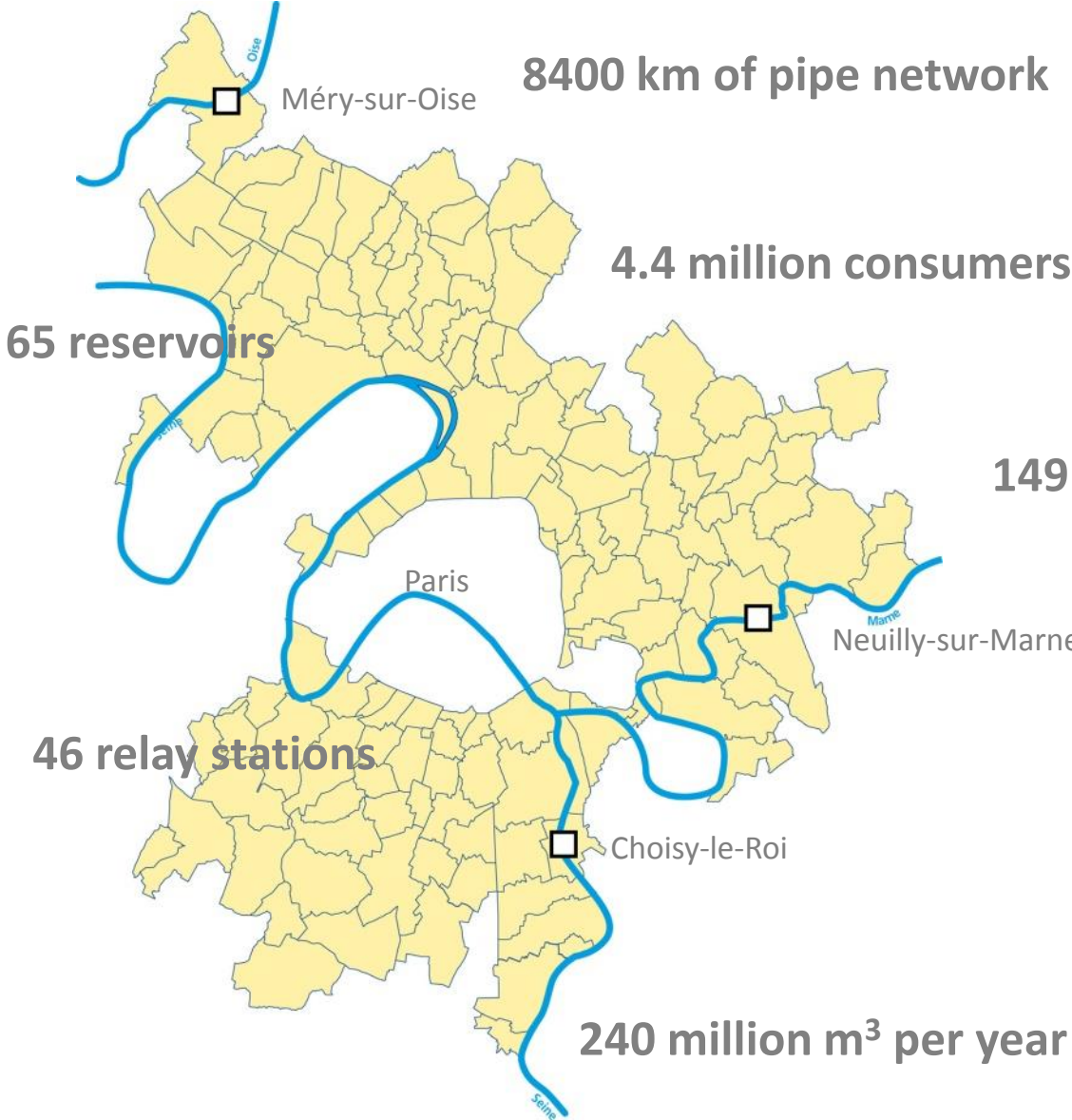
A Performance-Based Contract in the suburbs of Paris : The SEDIF contract

International Conference PPP in
the water and sanitation sector

October 22, 2014

VEOLIA
Eau d'Île-de-France
Délégué du SEDIF

The SEDIF : Syndicat des Eaux d'Ile-de-France



The SEDIF : the water authority

- **Strategy**
- **Tariff structure**
- **Service level**
- **Sustainable financing and budget allocation**
- **Owner of infrastructure : investments (125 M€/yr)**
- **Control of the proper execution of the contract**

The operator : VEOLIA Eau d'Ile-de-France



- **1500 employees**
- **a 12 year PPP contract for production, distribution and customer services**





Profit sharing between SEDIF and Veolia



**Depends on quality achievements
and cost levels**

Innovations

Water for all (Eau solidaire)

1% of income from water sales

More than €25 million
over 12 years

EMERGENCY

e.g. : personal
welfare voucher



ASSISTANCE

e.g. : a dedicated
team



PREVENTION

- e.g. : field actions
with non-profit
organizations



Innovations

- Water for all (Eau solidaire)
- **Teleo** : partnership with **m2o city**, smart-metering operator. **Full fixed network** by the end of 2015 (570 000 meters)
- **Servo (Control Center of the whole service)**

Qualio : water traceability

The collage displays several key components of the water service control system:

- Network Overview:** A large map of the Paris region showing various water service zones like 'Fort de Cormeilles NP 199', 'L'île de France', and 'L'île de France - Seine'. It includes a 'BILAN RESEAU' (Network Balance) dashboard with metrics like 'AUTONOMIE RESEAU: 09:09 h/m' and 'DEMANDE INSTANTANEE: 350 m3/s/h'.
- Water Treatment Plant (STEP) Interface:** A detailed view of the 'STEP de Villetaneuse' showing 'RESEAU DE RESEAU' and 'RESEAU DE RESEAU' with various flow and pressure indicators.
- Resource Management Suite (OPT-TIME):** A Gantt chart interface for resource management, showing task scheduling and resource allocation over time.
- Temperature and Precipitation Data:** A weather dashboard showing 'Température maximale' and 'Température minimale' over a week, along with 'Probabilité de pluie' (precipitation probability).
- Production and Transfer Dashboard:** A 'Tableau de Bord journalier de processus Produire' (Daily Production Process Dashboard) with sections for 'Capacité de production disponibles', 'Besoins en eau', and 'Zones d'eau'.
- Sensor Network Map:** A map showing the distribution of '1000 acoustic sensors' (Res'Echo) across the network, with icons for different sensor types like CCT, VR, and CER.
- Control Room:** A photograph of a control room with multiple computer monitors displaying the various software interfaces.

Res'Echo (1000 acoustic sensors)

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- **The other projects**
 - Zero Carbon
 - Improved customer service under the Clario brand
 - New IT ...

Leading Water Supply Services Club

