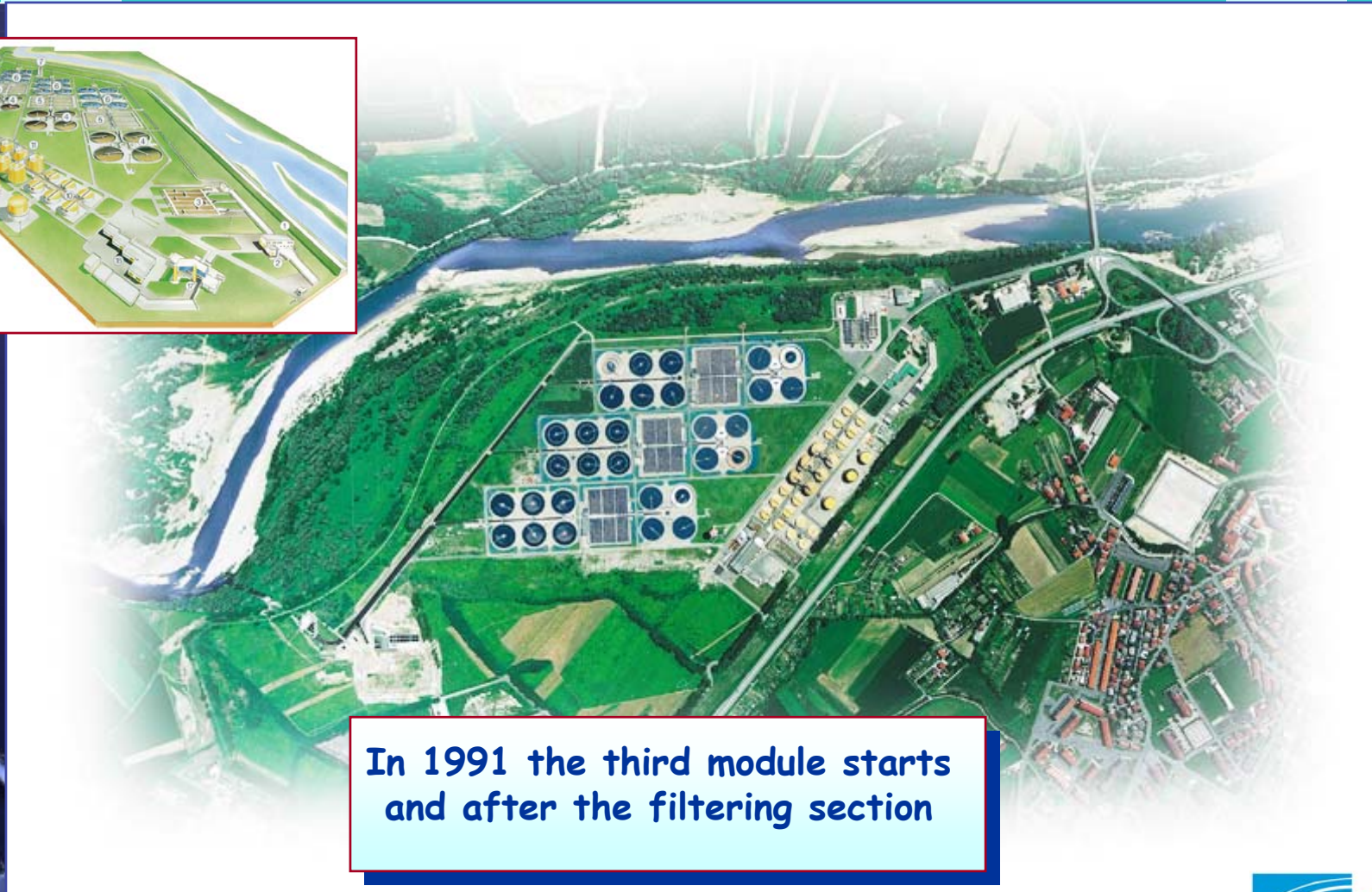




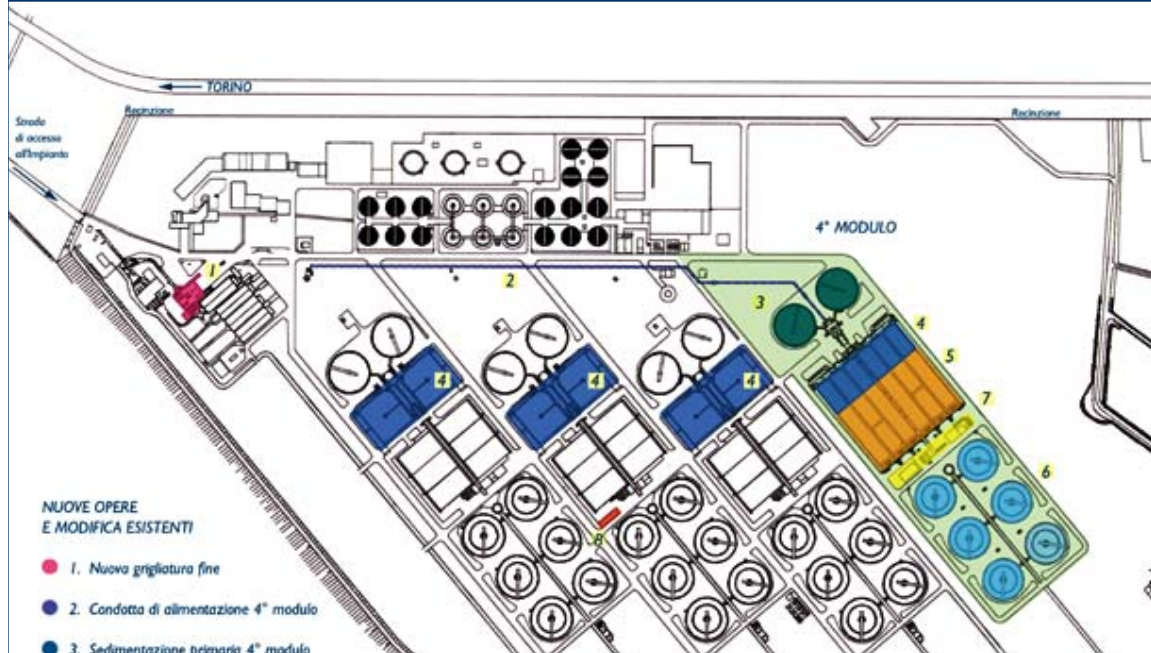
1984

1991



In 1991 the third module starts
and after the filtering section

NEW WORKS



On May 15th, the Fourth Module of the Treatment Plants located in Castiglione T.se has been inaugurated. The module displays a denitrification process to remove nitrogen.





Annual pollution removed from the river Po

Treated water flow	200,000,000 cu /year
Gridded material	1,200,000 Kg/ year
Oils and grease collected	5,000 cu/year
Sediment removed	1,200,000 cu/year
organic load removed (BOD5)	33,000,000 Kg/year
Surfactant removed	1,700,000 Kg/year
Total nitrogen	4,700,000 Kg/year
Total phosphorus	450,000 Kg/year
Heavy metals	60,000 Kg/year
Sludges disposed at 60% of water	140,000 cu/year

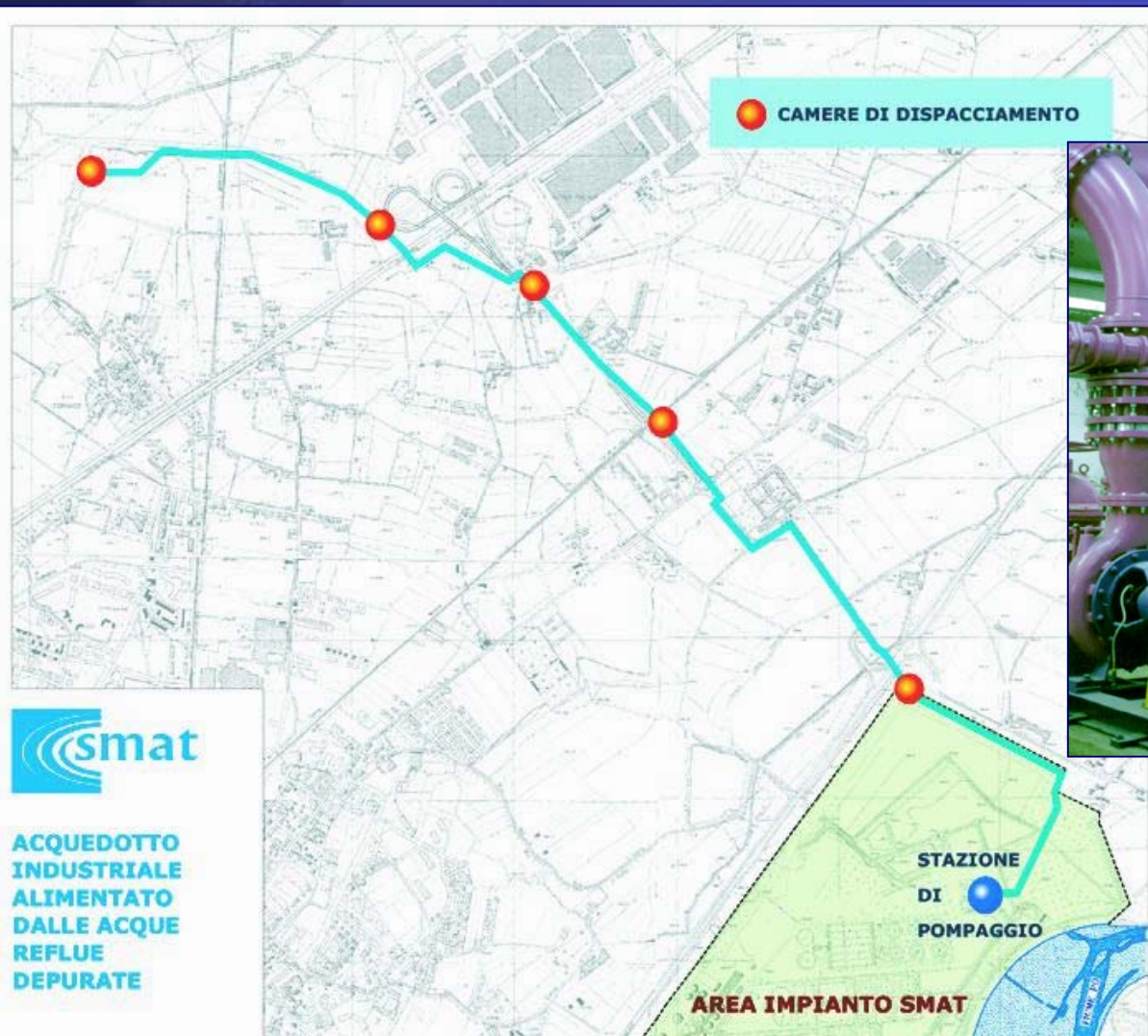


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WATER RE-USE PLANTS IN CASTIGLIONE T.SE





WATER QUALITY CONTROLS

Both drinking water and waste water are daily controlled in three different laboratories :

- **DRINKING WATER MAIN LABORATORY**
- **PO3 TREATMENT PLANT LABORATORY**
- **WASTE WATER TREATMENT PLANT LABORATORY**

254.575 yearly parameters controlled
170.579 concerning drinking water and row water
74.000 concerning waste water

In the laboratories works a specialized staff composed by:

3 BIOLOGISTS
5 CHEMICIANS
16 TECHNICIANS

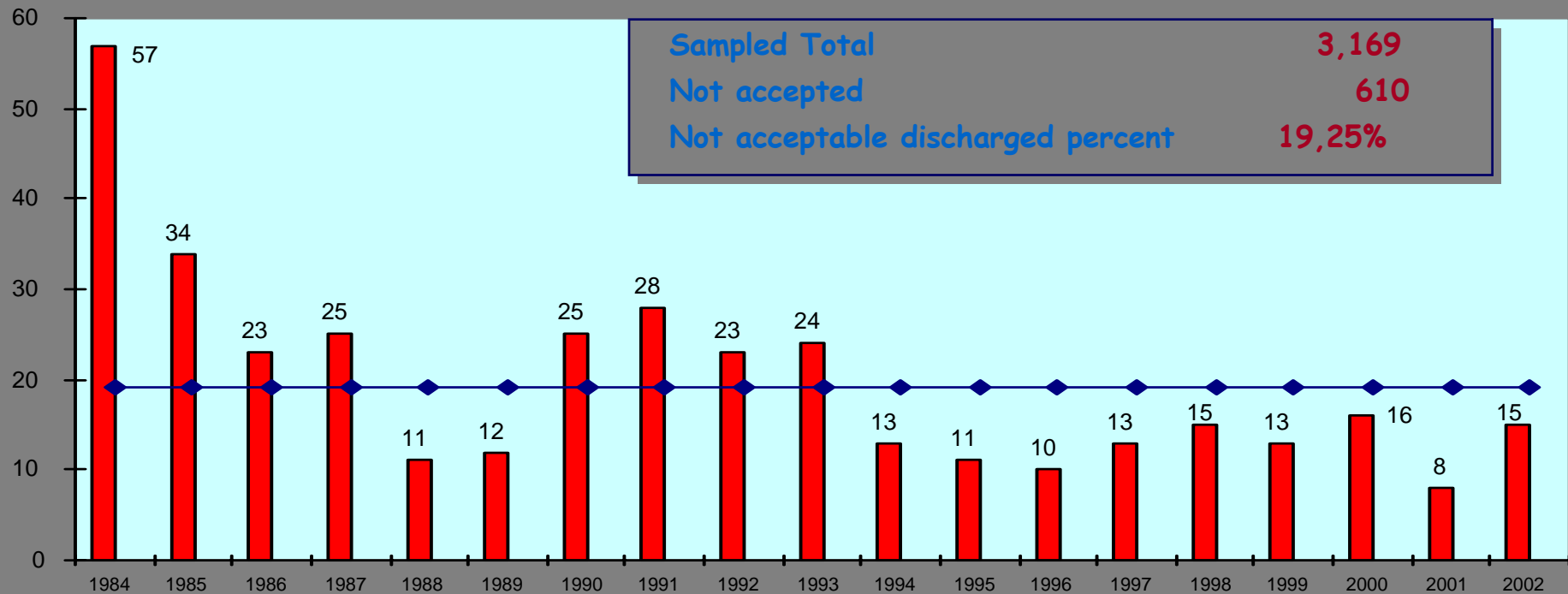
The laboratories work according **ISO/IEC 17025** rule and are accredited by **SINAL** (National System for Laboratories Accreditation)





CONTROLS OF INDUSTRIAL WASTE WATER IN TURIN PUBLIC SEWERS

Over 10,000 checks in 19 years





segnalazione inquinamento

Sei testimone di un inquinamento idrico?
Vedi un'autobotte che scarica in un rio
o una moria di pesci
o l'acqua del fiume sporca,
con strani colori e schiume ?
Telefona subito al
Numero Verde **smat**
un operatore prenderà
le tue informazioni
e metterà in azione
una squadra di rilevamento
per accertare le cause
ed i responsabili.

SERVIZIO PUBBLICO DI SEGNALAZIONE DELL'INQUINAMENTO IDRICO

Tutti i giorni 24 ore su 24

Numero Verde
800-811028



REGIONE PIEMONTE
Protezione Civile
Assessorato all'Ambiente



AZIENDA PO-SANGONE - Via Poella, 29 - Torino - tel. 011 5151.212 - fax 011 5151.287 - e-mail: ap310@interadnet.it

Sei testimone di un inquinamento idrico?
Vedi un'autobotte che scarica in un rio
o una moria di pesci o l'acqua del fiume sporca,
con strani colori e schiume ?
Telefona subito al Numero Verde dell'APS,
un operatore prenderà le tue informazioni
e metterà in azione una squadra di rilevamento
per accertare le cause ed i responsabili.



Numero Verde
800-811028



European Commission



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A PROPOSAL TO APPLY THE DIRECTIVE IN THE MEDITERRANEAN AREA





WORKING PHASES

- ✓ UPDATE OF THE SITUATION IN ALL THE COUNTRIES INVOLVED
- ✓ CONSIDERATION ABOUT THE BEST AVAILABLE TECHNOLOGIES
- ✓ COST-BENEFIT ANALYSIS
- ✓ USE OF THE AVAILABLE RESOURCES





European Commission



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**THANK YOU FOR
YOUR ATTENTION**

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