

ÁGUAS DO ALGARVE, S.A.

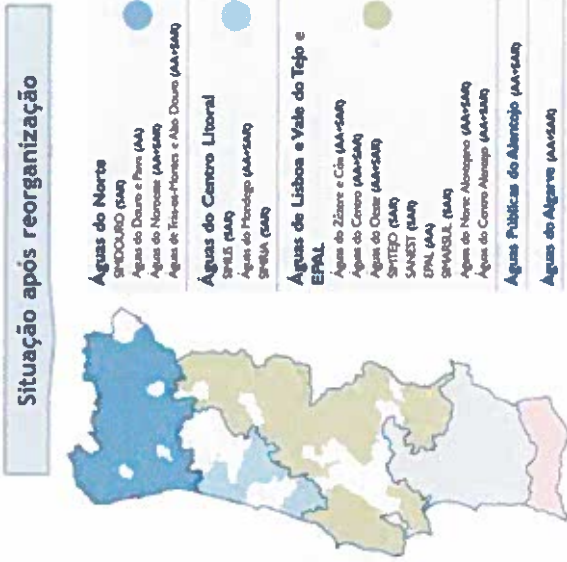
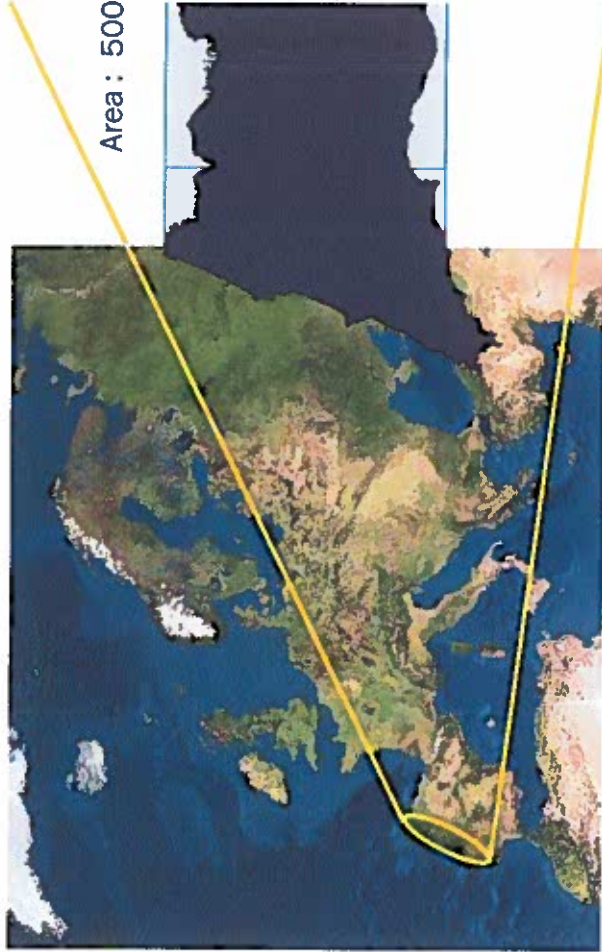
WATER SUPPLY
SYSTEM



Grupo Águas de Portugal

1. Introduction
2. Algarve's water supply system
3. Drinking water quality, water certification
4. R&D





Certificado 2005/C/01744-2005/2006-04
 2005/01/17/2006/04/2007

Groundwater sources

In the 90's Drinking water directly supplied by 16 Municipalities of the Algarve

Insufficient water treatment level

Overexplored aquifers

170 bore holes without an integrated water management scheme

Insufficient quality control

Poor Groundwater quality

In 1995, water supply was provided from bore holes

Limitation to Algarve's environmental, social and economical development



Comunidade Autónoma do Algarve
2009/2011

Associação Algarve de Municípios Municipais

Associação Algarve de Municípios Municipais

- Águas do Algarve, SA, is an affiliate of Águas de Portugal, SGPS, SA, responsible for the Algarve Water Treatment and Supply Multimunicipal System and for the Algarve Sanitation Multimunicipal System
- For human water consumption, the System supplies 16 Municipalities in 75 Municipal water reservoirs, with an annual water volume of 64,8 Mm³ (in 2014)
- The System has as most important infrastructures:
 - 20 bore holes and 4 superficial catchment;
 - 482 km of main pipelines and 29 pumping stations, (2 reversible);
 - 4 Water treatment plants, technological advanced, efficient, reliable and optimized, with a water flow rate capacity of 5,65 m³/s;
 - 17 reservoirs (69814m³).

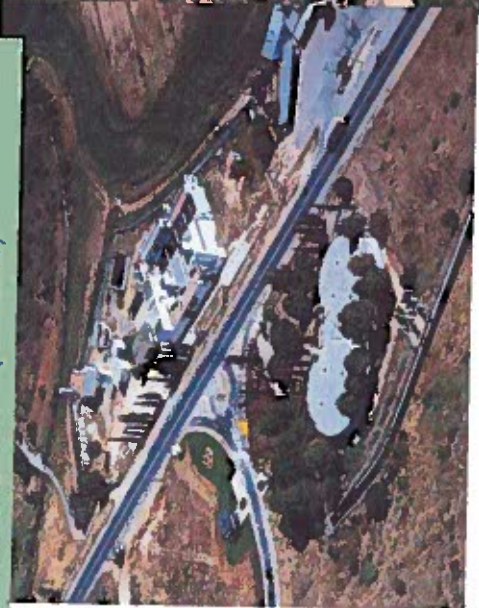


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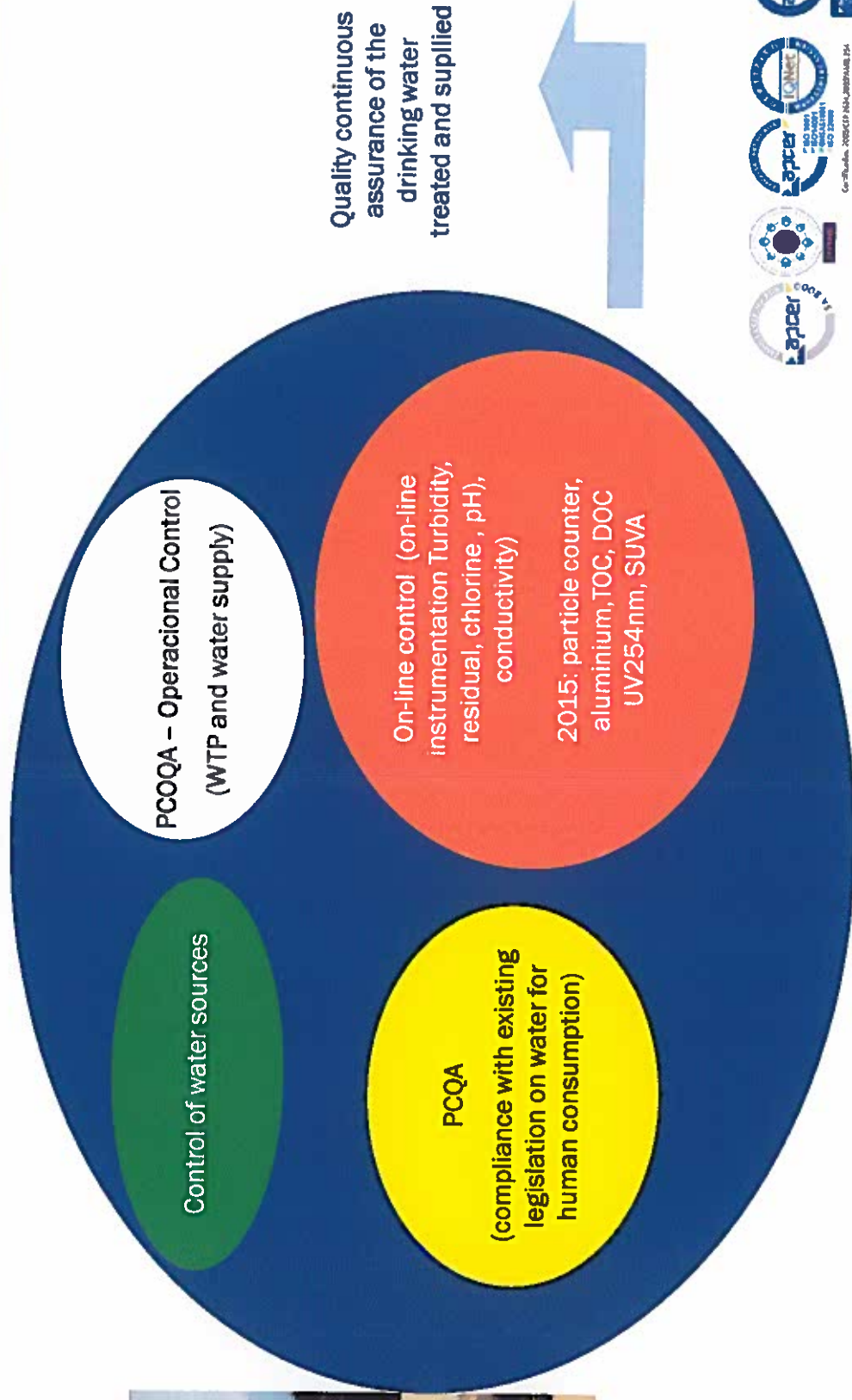
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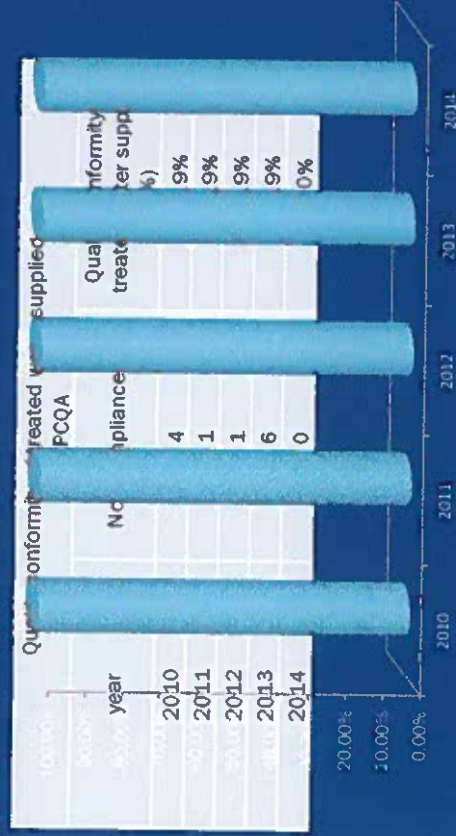
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 4 water treatment Plant (water flow rate capacity of 5,65 m³/s);
 482km of main pipelines;
 29 pumping stations, 2 of which are reversible;
 16 Municipalities ;
 17 reservoirs (69810m³);
 75 Municipal water reservoirs;
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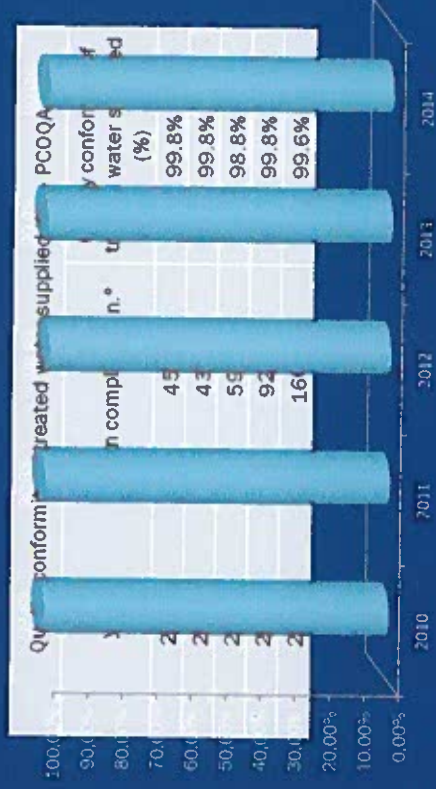
Drinking water quality, water certification



Quality conformity of treated water supplied (%)
- water quality control plan (PCQA)



Quality conformity of treated water supplied (%) --
Operational water quality control plan (PCOQA)



Water Safety Plan

Before WSP

Know-how
Internal control methods
Quality management systems



Risk Management

Water Safety Plan
certified in NP ISO 22000
product certification

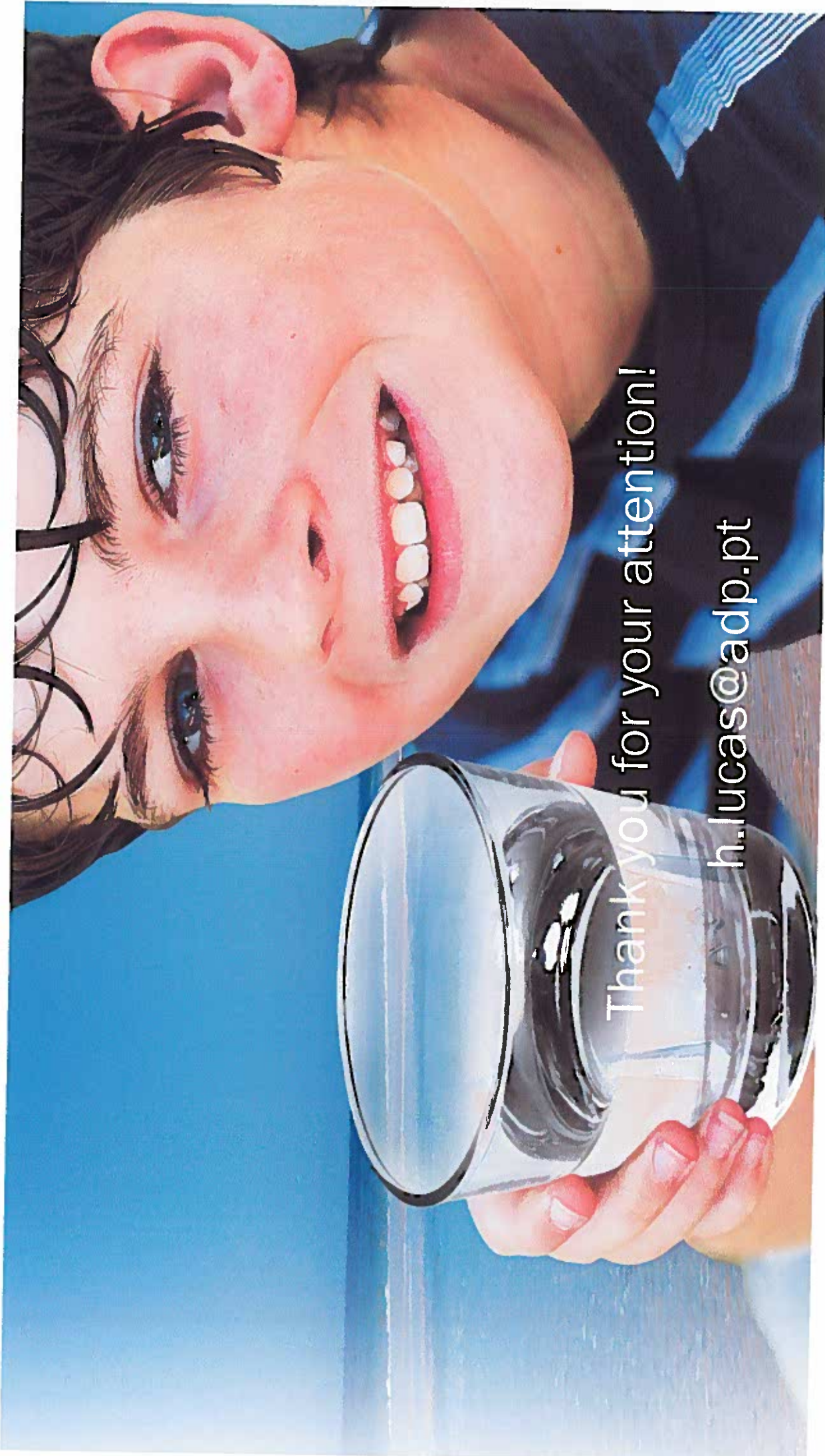
Water Safety Plan management systems



Increased security and Water
Quality, optimizing existing practices



Card. Public. 2008/219 N.º 1434, 2009/1448 N.º 154
N.º 1434/2008, 2011/2009 N.º 1434/2011



Thank you for your attention!

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