



1 International Congress on Water and Sustainability

Save water supplies for human consumption:

support of the Barcelona Provincial Council to local authorities

1. Introduction

Local authorities are responsible for ensuring that water supplied through any distribution network, or mobile water tank in their township is suitable for consumption at the point of delivery to the consumer.

Since 1997, the Public Health Service of the Barcelona Provincial Council offers support to all municipalities under 1001 inhabitants and municipalities between 1001 and 5000 people with direct management of their water supply service to develop these responsibilities.

2. Methodology



Authors:

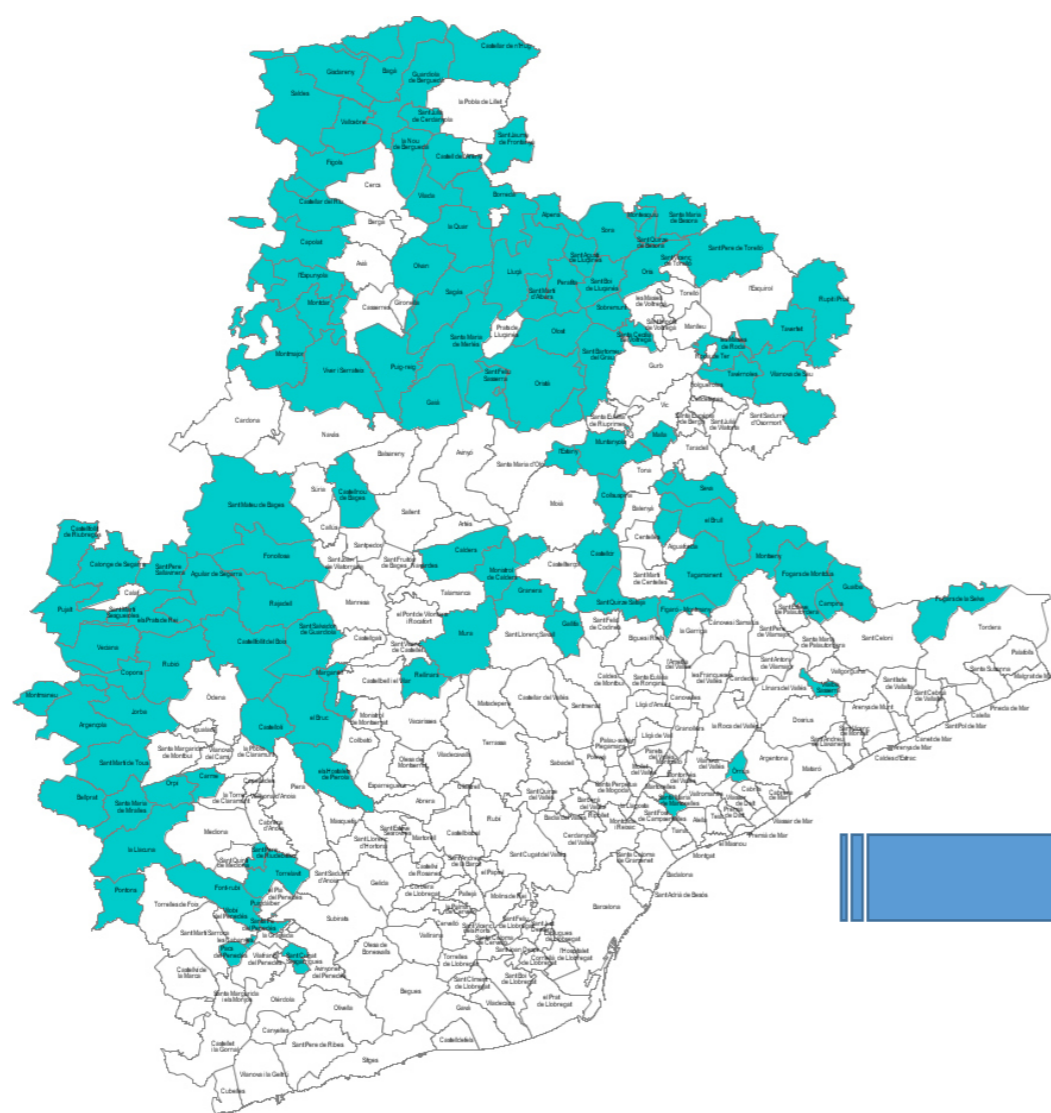
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Diputació de Barcelona 1
Diputació de Barcelona 2
Diputació de Barcelona 3

3. Results

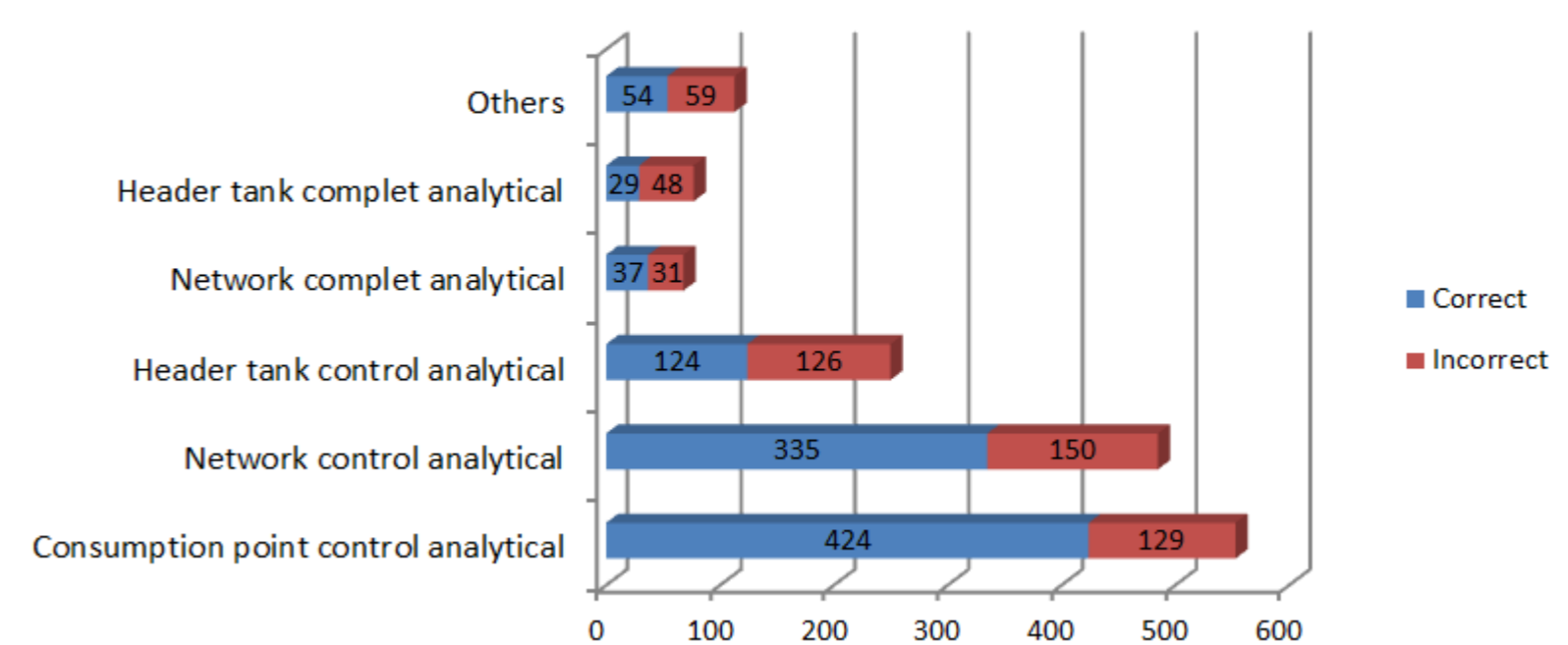
Currently, 110 municipalities (72.601 inhabitants) receive some support. The protocol for control and management of the water supply has been developed in 66 municipalities. Over 1.546 water samples were analysed in 2016. In 47 municipalities there is analytical monitoring of parameters that at any time have exceeded the values specified in the regulations. In 2016, 648.676 € were invested for infrastructure improvements related to the sanitary quality of drinking water in 17 municipalities. 41 municipalities have authorized the Barcelona Provincial Council to manage the data communication to SINAC.

110 municipalities



- 47 municipalities with parameters analytical monitoring
- 66 municipalities with water supply protocol for control and management
- 17 municipalities received 648.676 € for infrastructures improvements in 2016
- 41 municipalities communicated data to SINAC

Water samples results from 2016 (RD 140/2003) (total samples: 1.546)



3. Conclusions

Municipalities are responsible for ensuring save water at the point of delivery to the consumer. Public Health Service of the Barcelona Provincial Council makes available to local authorities, especially to the smaller municipalities, different tools to improve the performance of municipal responsibilities in this area.

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