



**Sustainable Water
Integrated Management (SWIM) -
Support Mechanism**



Project funded by
the European Union

Water is too precious to waste

Two days training on the operation and management of WWTPs

9-10 September, Murcia

Association of irrigators of the Campo de Cartagena

Presented by: Dr. David Martinez Vicente

Comunidad de Regantes Campo de Cartagena

Location



- Founded: 1952
- First Irrigation: 1979
- Irrigation Surface Area: 41,294 Ha
- Municipalities: Cartagena, Torre Pacheco, San Javier, Fuente Álamo, Los Alcázares, San Pedro del Pinatar, Pilar de la Horadada and Murcia.
- Number of Members: 9,896
- Annual Water Supply (141,9 Hm³):
 - 122 Hm³ Tajo-Segura Diversion.
 - 4,2 Hm³ Segura River Basin.
 - 2,2 Hm³ Mojón Desalination Plant.
 - 13,5 Hm³ EDARs

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Water Sources

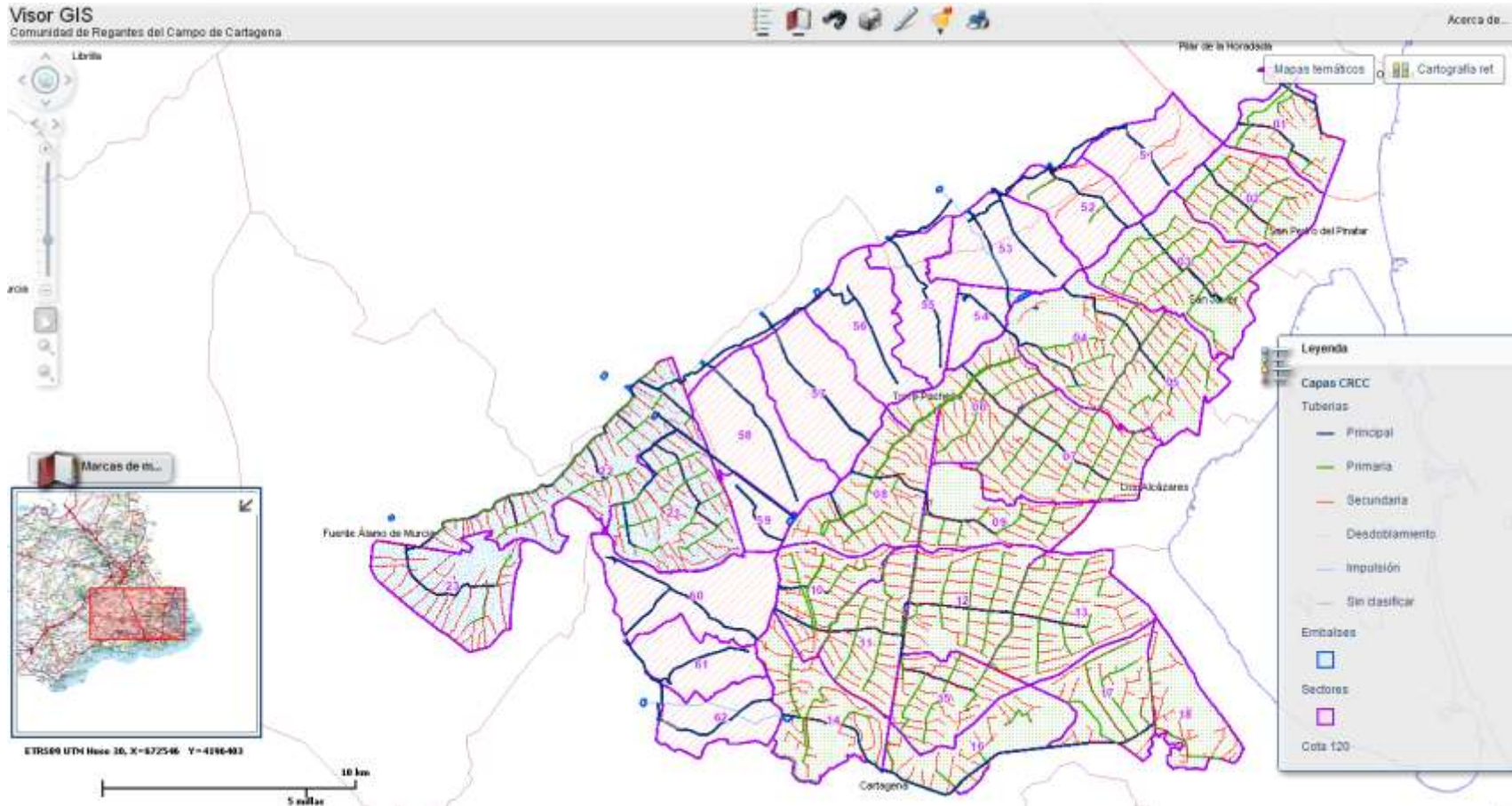
Z.R. ORIENTAL AND OCCIDENTAL (29.610 ha):

- Tajo-Segura Diversion: 122 Hm³
- TOTAL SUPPLY:..... 122 Hm³ (4.120 m³/ha)

Z.R COTA -120 (11.642 ha):

- Segura River Basin: 4,2 Hm³ (CSR 7/2003) (Assigned by the Cuenca Plan)*
- Mojón Desalination Plant: 2,2 Hm³ (CSR 4/2003)
- E.D.A.R. :
 - Fuente Álamo (CSR 24/2004): 0,654 Hm³
 - Torre-Pacheco (CSR 16/2003): 1,825 Hm³
 - San Javier (CSR 64/2004 y 30/2004): 2,394+0,5 Hm³
 - Balsicas- Roldán (CSR 23/2004): 1,000 Hm³
 - Los Alcázares (CSR 34/2005): 2,611 Hm³
 - San Pedro del Pinatar (CSR 92/2005): 3,767 Hm³
 - EDAR La Aljorra (CSR 17/2007) 0,270 Hm³.
- - TOTAL SUPPLY:..... 19,421 Hm³ (1.668 m³/ha)

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<http://gis.crrc.es>

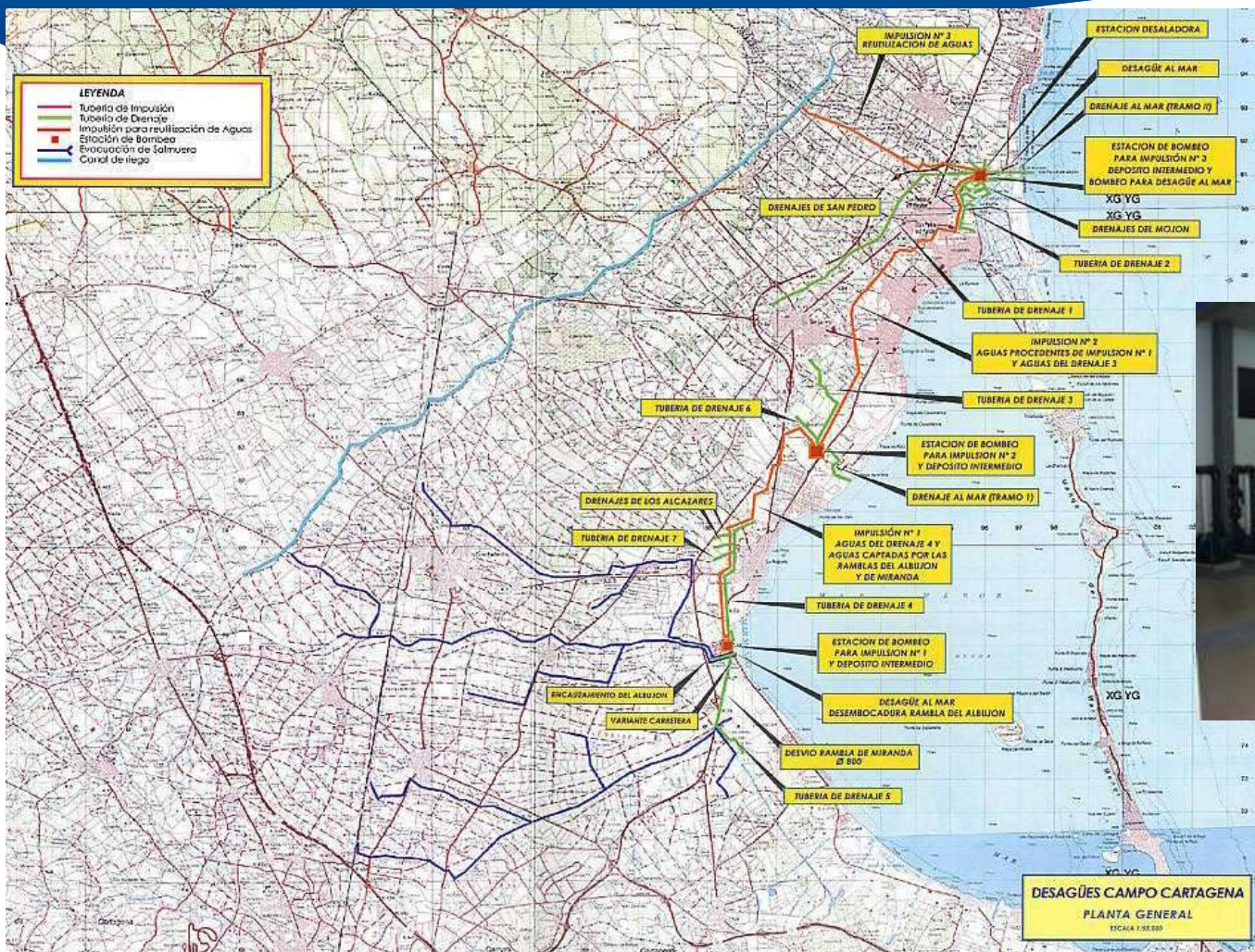
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- Campo de Cartagena Irrigation Channel:
 - Longitude: 64 Km
 - Capacity: 300.000 m³
 - Maximum Flow: 25 m³/s
- Service Roads: 778 Km
- Water Outlets: 7.106
- Pipes: (ϕ 1600..80) 1.033 Km
- Pumping Stations: 9
- Remote Stations (RTU): 957
- Reservoir Capacity (19): 2.090.863 m³

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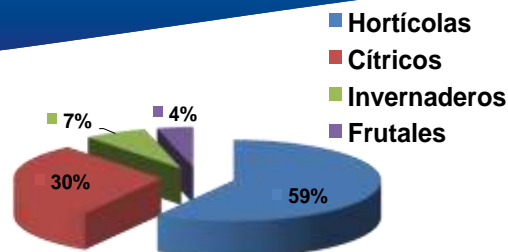
THE MOJÓN DESALINATION PLANT



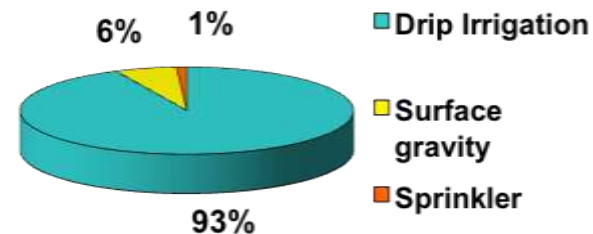
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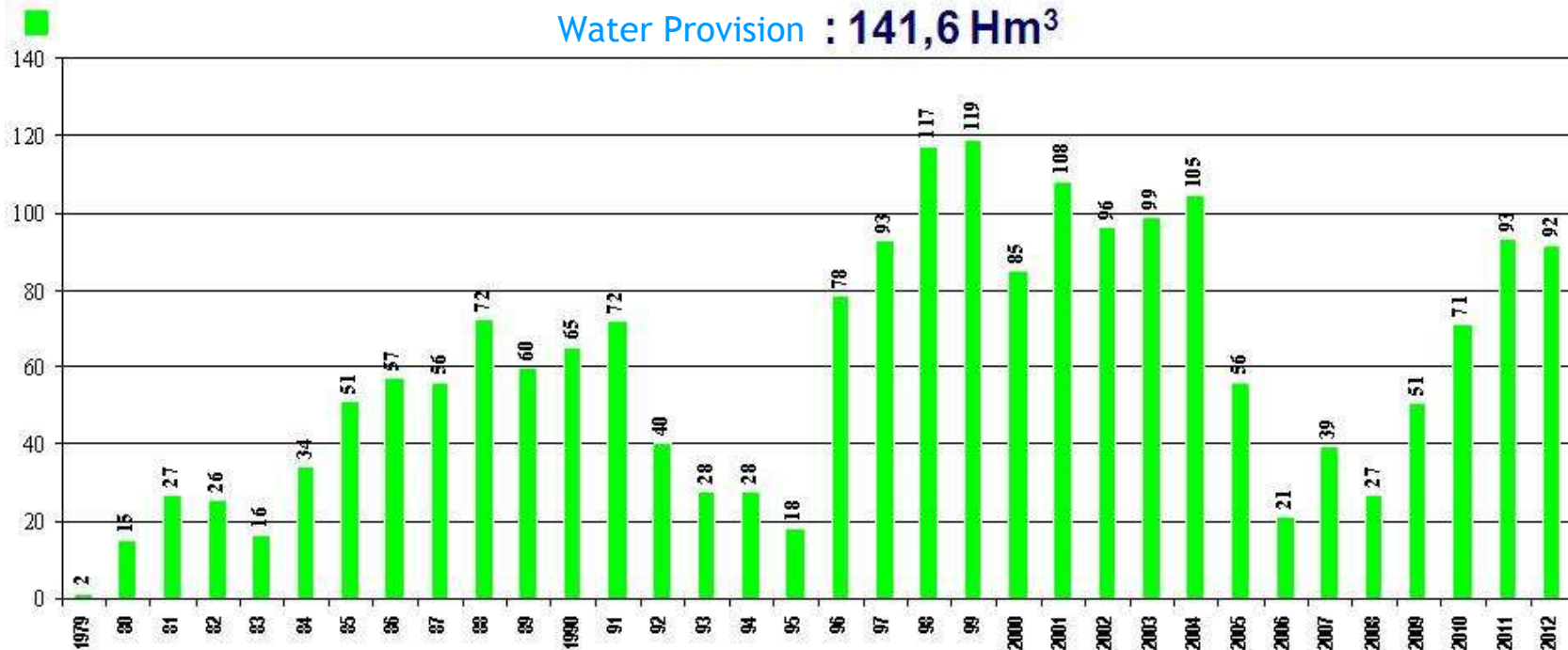
Crop Distribution



Irrigation Techniques

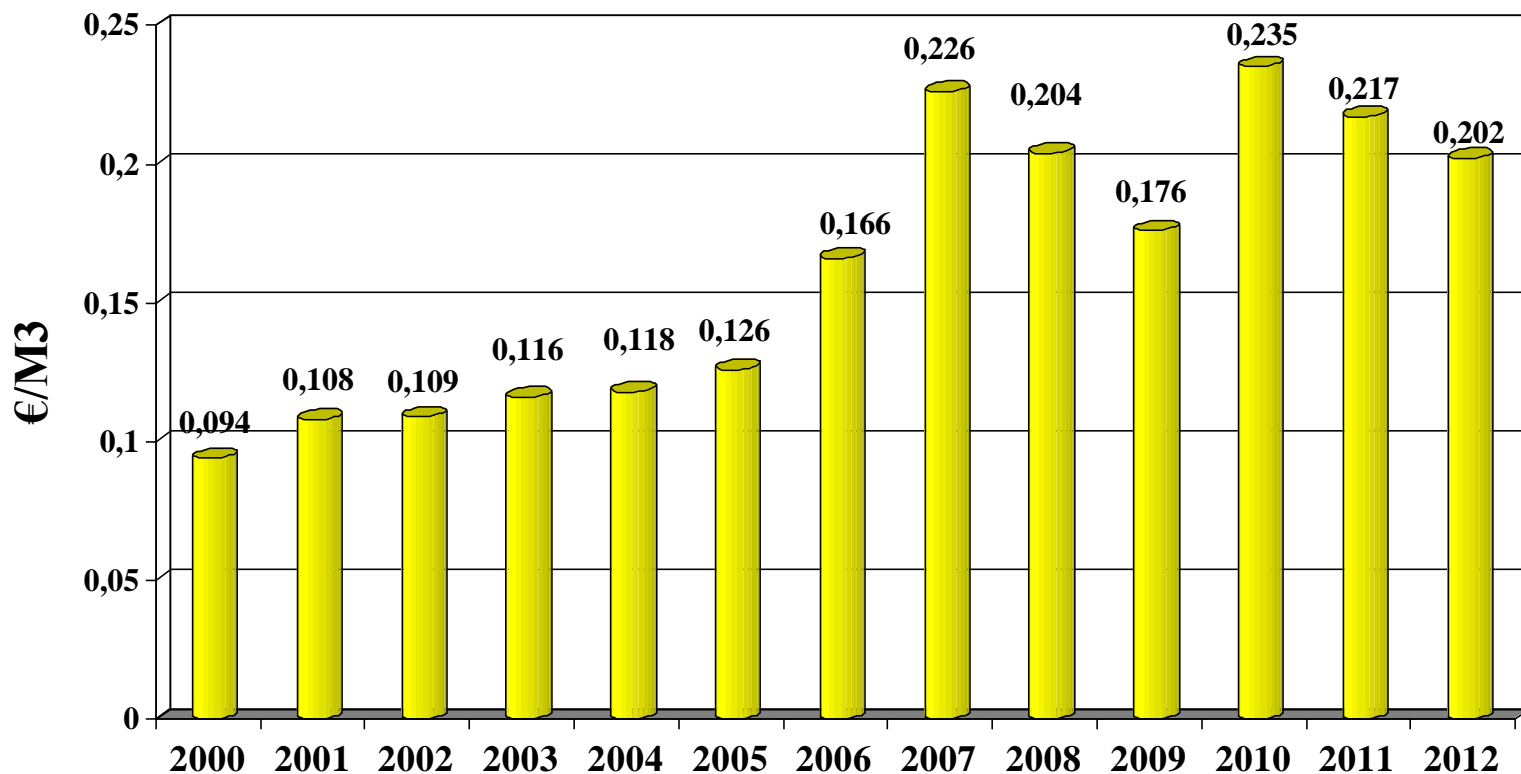


Water Provision : 141,6 Hm³



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Changes in Water Pricing



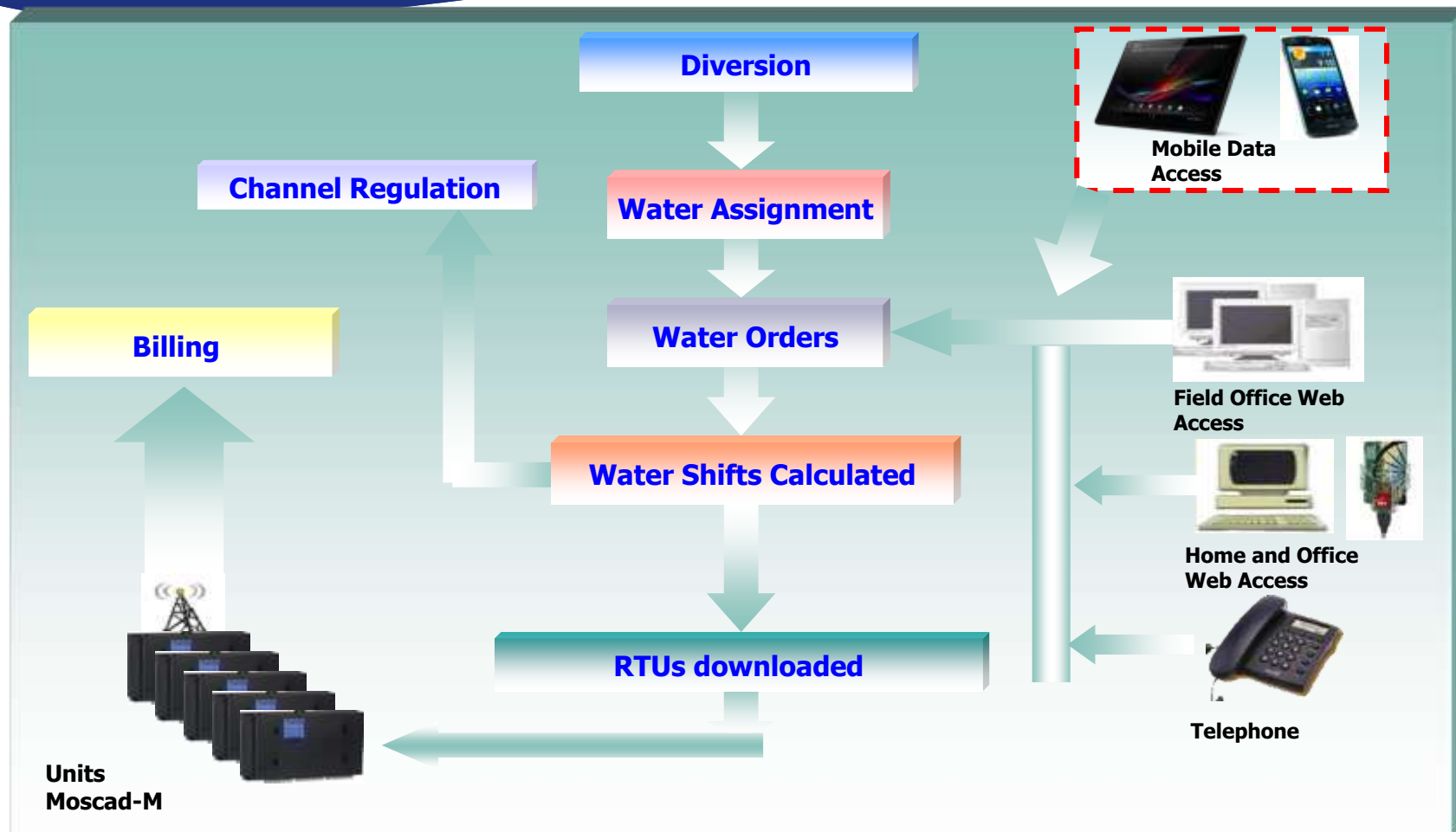
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Corporate Video



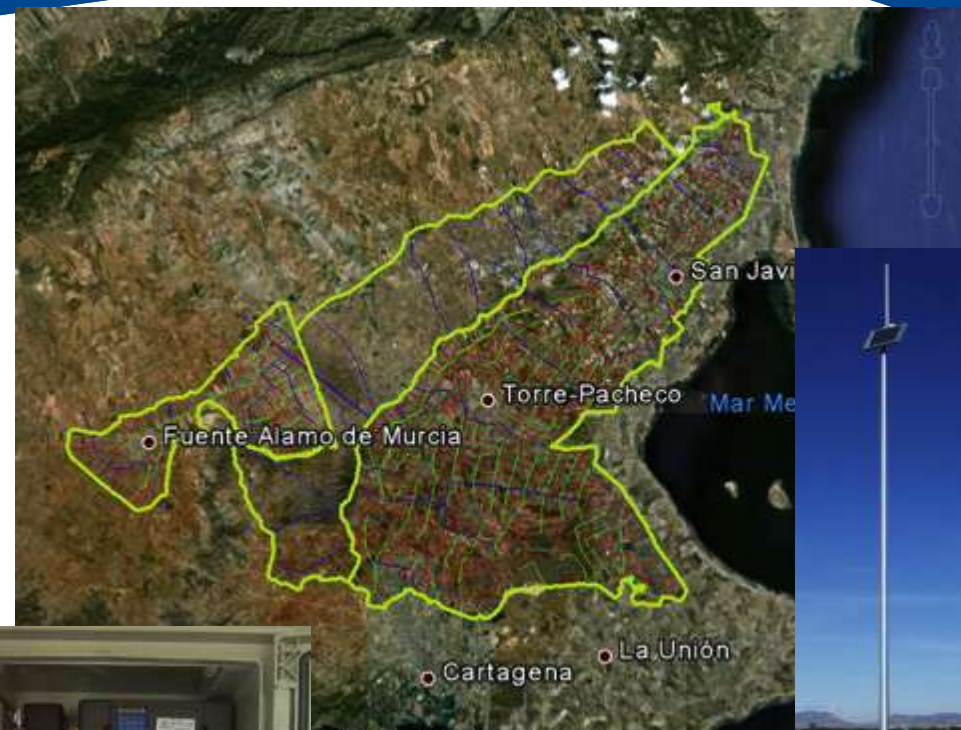
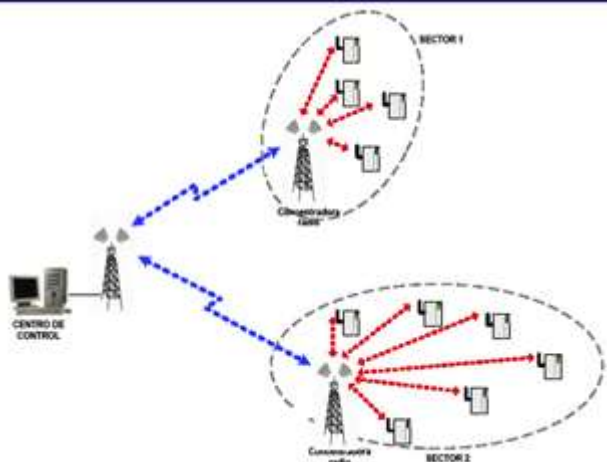
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Process Flow Chart



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AUTOMATION



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AUTOMATION



مع خالص شكري
وامتناني

Thank you
for your attention

Merci pour
votre attention



For additional information please contact:

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