

# Kamstrup智能水务助力降低漏损

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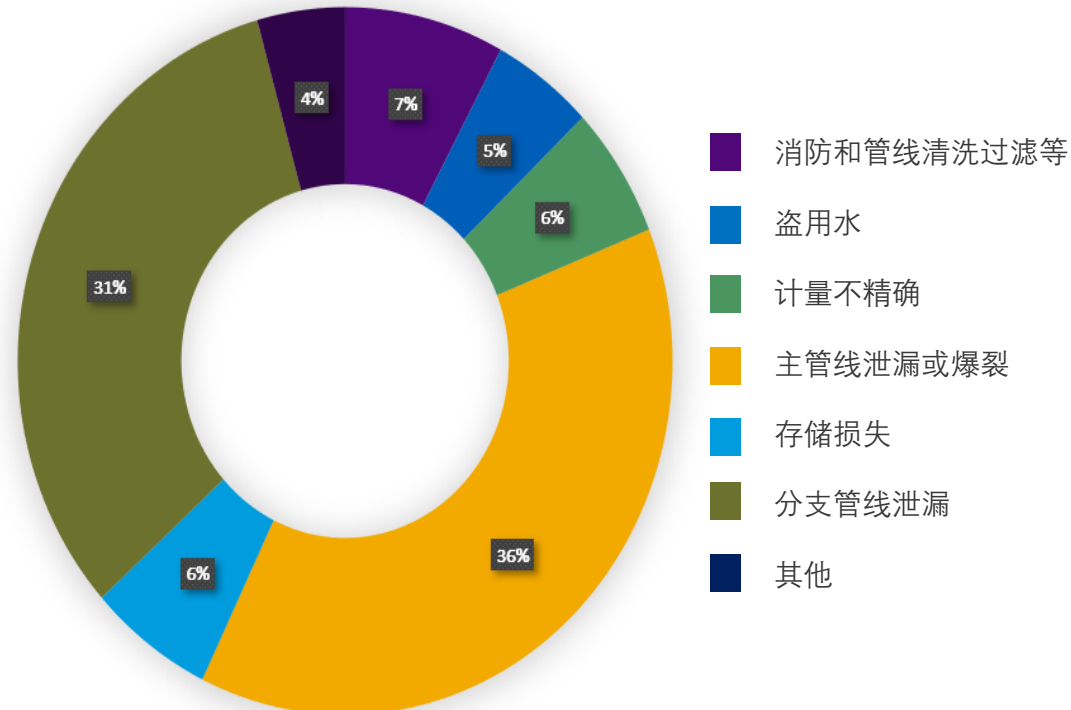
## Non-revenue water and water loss

非收益水是很多国家和水司都需要面对的巨大挑战。要减少非收益水，就必须尽可能地知道供水管线上正在发生什么。Kamstrup针对非收益水的构成提供了综合的智能水务方案。

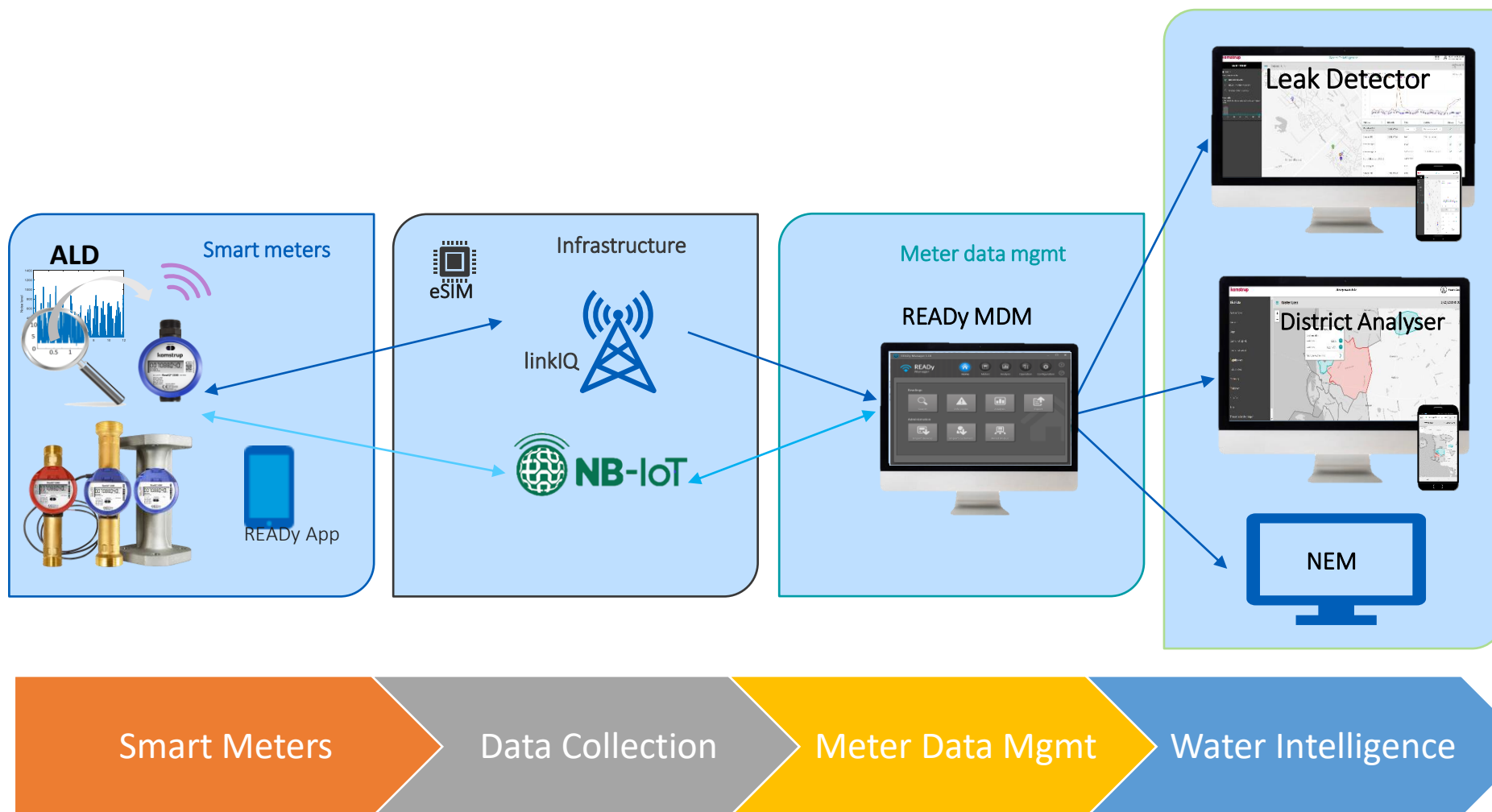
Non-revenue water is a big challenge for utilities worldwide. Reducing it starts by knowing what actually goes on in the distribution network. Kamstrup offers a comprehensive smart metering solution considering multiple sources of NRW.

住房和城乡建设部公布的统计年鉴显示，2019年全国城市、县城公共供水管网漏损水量近百亿吨。这大体相当于700个杭州西湖的蓄水量。

According to the statistical white paper published by the Ministry of Housing and Urban-Rural Development, the amount of water loss in the public water supply network was nearly 10 billion tons in 2019. This is roughly equivalent to the storage capacity of 700 Hangzhou West Lake.

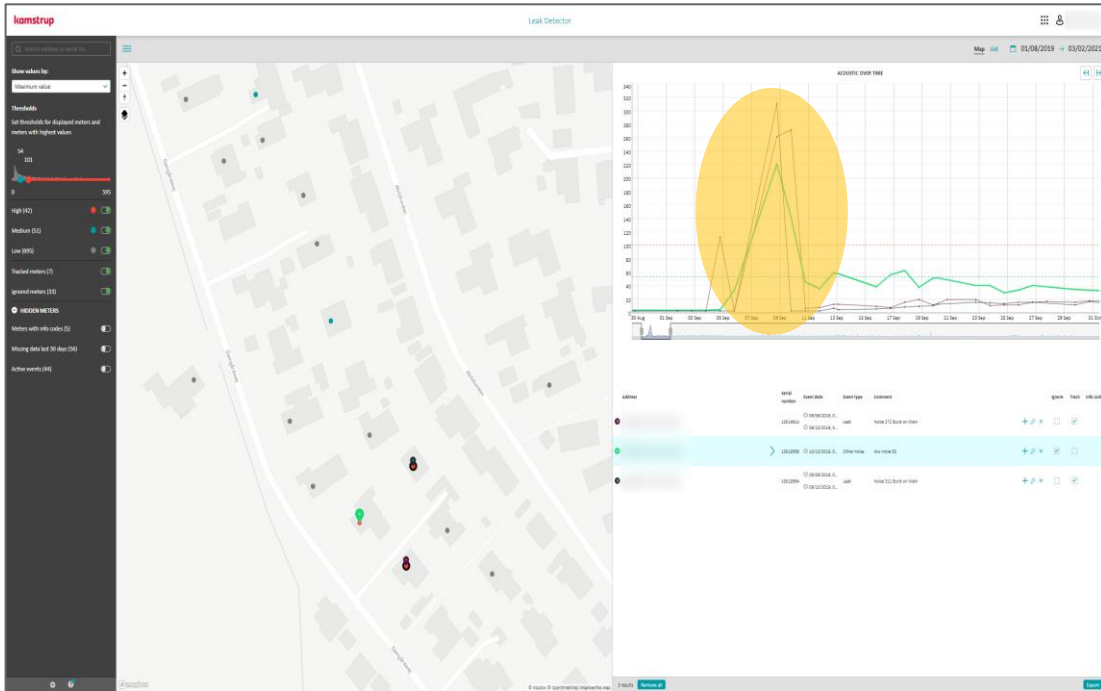


# Smart Water Metering Solution by Kamstrup



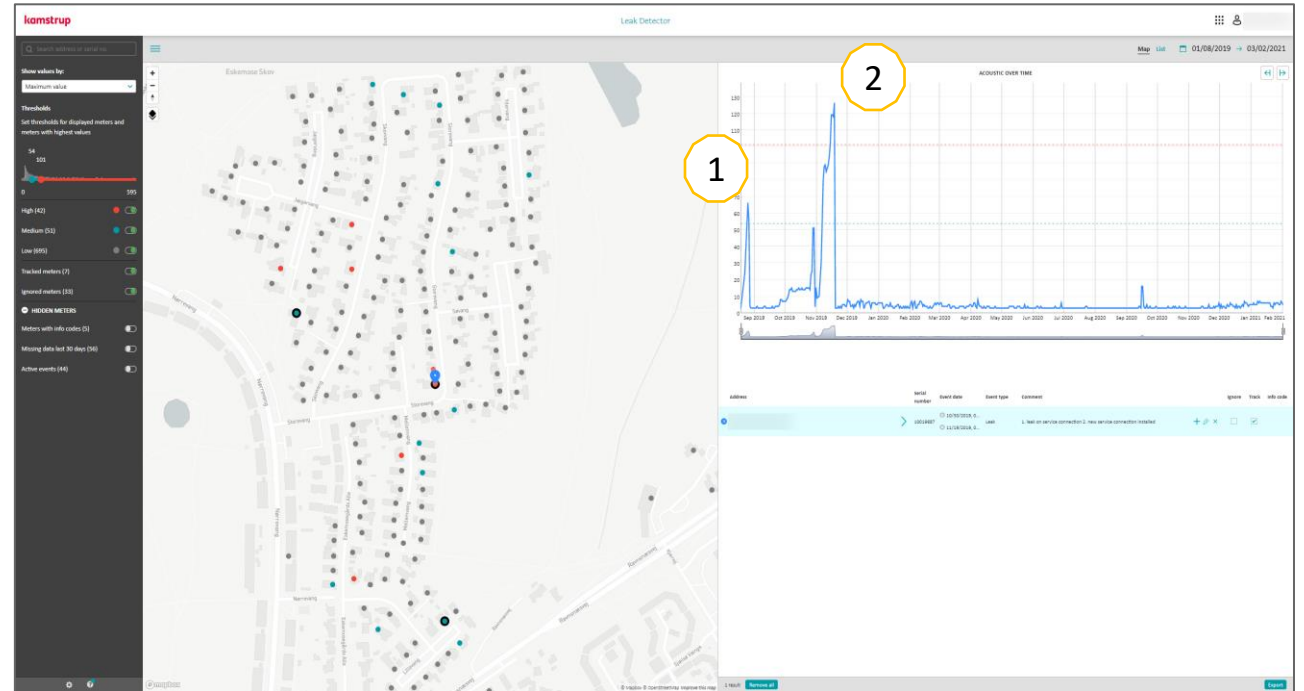
# Success Story: Birkerød, Denmark

kamstrup



After installing our meters, they were able to find a large leak on a main pipe of 3-4 m<sup>3</sup>/h. The pipe had split in two. They had previously been unable to detect this with regular leak detection equipment.

在安装flowIQ2200产品之后，水司很快定位了一个漏损达到3-4 m<sup>3</sup>/h的主管线上的漏点。该主管线分流到2条支管线上。在换用Kamstrup flowIQ2200之前使用常规的检测设备无法定位到该漏点。

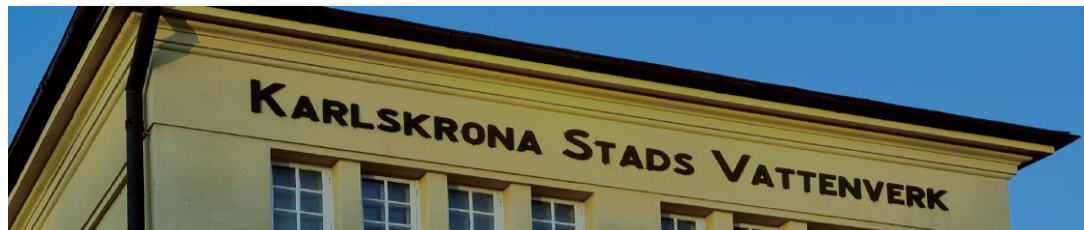


In this particular district they found a lot of leaks, due to the pipes being installed in the 1950's. The leakage in this district dropped from 1.7 m<sup>3</sup>/h to 0.3 m<sup>3</sup>/h.

借助于flowIQ2200产品，水司在该区在1950s安装的旧管线上发现了许多漏点。随后，该区的漏损从1.7 m<sup>3</sup>/h下降到了0.3 m<sup>3</sup>/h。



## Success Stories: Karlskrona and Söderhamn



700 Flow IQ 2200 with integrated acoustics leak detection installed since 2020

“到目前为止，我们已经发现并确认了7个泄漏。我们在生锈的旧镀锌金属管道中发现的漏点最多，充满了小孔，但我们还发现了在仅安装了10年的塑料管线上的泄漏”



86.000 SEK saved  
on one leak



Ambition to  
move from 16%  
to 3% water loss



800 Flow IQ 2200 with integrated acoustics leak detection installed since 2020

“我们的目标是每小时对区域内所有仪表进行读数，以便我们可以在几年内以更高的分辨率进行DMA分区计量”



Identified 100  
potential leaks



Confirmed leak  
after one hour of  
monitoring

## Kamstrup智能水务为中国服务

Kamstrup目前正在采取积极的行动推动智能水务方案进入中国市场，以严谨的态度和量身定制的灵活水务方案助力中国客户实现国家十四五规划纲要提出的供水管网节水控漏的目标。

Kamstrup will share the successful experiences in the US and Europe with our Chinese customers, in sincere hope of supporting our customers to achieve the goal of water loss control defined in the China National 14th Five-Year Plan.



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