



# ARC Reduces Costs and Empowers Digital Maintenance with Aptean EAM, API PRO edition

## CASE STUDY

### Customer Details

ARC, Copenhill/Amager Bakke is Copenhagen's state of the art waste plant which sets new standards for energy production and waste treatment. The plant makes full and efficient use of the energy contained in the waste.

### Industry

Waste-to-energy plant with multiple purposes.

### Aptean Solution

Aptean EAM, API PRO edition

### Challenges

- Inefficient paper-based maintenance system
- High maintenance costs
- Transforming to a digital solution

### Benefits

- Reduced maintenance costs
- Faster, accurate data capture
- Increased visibility of operations
- Eliminated costly errors with digital maintenance workflows
- Increased flexibility with mobile solution

ARC, operators of Copenhill/Amager Bakke, Denmark's largest waste incineration facility, has reduced costs and increased efficiency by transforming to digital maintenance workflows with Aptean EAM, API PRO edition.

## Replacing costly paper-based workflows

With digitalization as the goal, ARC Amager Resource center knew that its choice of maintenance system would play a key role in reducing costs and increasing efficiency.

"We wanted to start over completely with the way our maintenance was done going forward. Our system requirements were concerned with making workflows as digital as possible, to minimize use of inefficient and costly paper-based workflows. With the brand new facility and Aptean EAM, API PRO edition, we get a much leaner internal maintenance process."

### Hans Christian Laurenz

Engineer and Maintenance Technician at ARC

ARC scoured the market for maintenance systems and here, Aptean EAM, API PRO edition stood out as the solution which came the closest to the desired all-digital workflow.

## Reducing maintenance costs

Supported by Aptean EAM, API PRO edition, ARC was able to dramatically reduce its total cost for work in the maintenance process, increasing the efficiency on the floor as well as in the maintenance office.

In the new facility a large part of the actual maintenance work will be executed by external suppliers.

## The power of mobility

For internal craftsmen and external suppliers alike, Aptean EAM, API PRO edition makes it faster and easier to specify maintenance tasks and capture data on the move.

"The ability to use mobile devices, which both our own people and external partners bring with them to their tasks and use to record the work done, was a major reason why we chose Aptean EAM, API PRO edition. If you want 100 per cent digitally supported maintenance, you must be able to take the system anywhere, and Aptean EAM, API PRO edition allows us to do that."

**Hans Christian Laurenz**  
Engineer and Maintenance Technician

## A digital transformation

With Aptean EAM, API PRO edition, ARC's workflow is increasingly digital. Current plans include bringing 16,000 - 20,000 components into Aptean EAM, API PRO edition and connecting the system to ARC's technical facilities to receive operating data directly. With all maintenance centralized and digitalized, ARC is able to increase its visibility over maintenance events and ensure they are completed appropriately.

"Regardless of whether a facility has time-based, interval-based or supervised maintenance, Aptean EAM, API PRO edition will let you know when the next maintenance task shall take place."

**Hans Christian Laurenz**  
Engineer and Maintenance Technician

ARC use Aptean EAM, API PRO edition for a number of tasks: operations, maintenance, procurement, inventory, and spare parts. Each of these areas is tailored to ARC and integrated with related systems. In addition to reducing costs, the switch to a digital workflow with Aptean EAM, API PRO edition played a key role in eliminating costly and time-consuming errors in manual processing.

## Unlocking the value of data in maintenance

Digitalizing maintenance is much about building and maintaining knowledge of your facilities, both in the present and by utilising historical data. For Laurenz, Aptean EAM, API PRO edition plays a key role in ARC's asset management strategy.

For more information about Aptean EAM, API PRO edition, contact your account manager or email us at [info@aptean.com](mailto:info@aptean.com).



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