

# TECHNOLOGY PORTFOLIO



HEAT PUMP STATIONS



SCALABLE ENERGY STORAGES



SOLAR HEATING PLANTS



SOLAR TOWER RECEIVERS



INTEGRATED ENERGY SYSTEMS



HEAT EXCHANGERS



POWER-TO-X

# Do you want to eliminate the use of fossil fuels?

Aalborg CSP A/S is a leading developer and supplier of innovative, renewable technologies with the Changing Energy vision aiming at changing the way energy is produced and stored today. We design and supply green solutions and integrated energy systems based on high- and low temperature energy storage, solar panels, heat pumps, boilers, Power-to-X and much more for industries and power plants worldwide.

We have a deep understanding of individual energy needs, technology- and system integration as well as system design and optimization. We match individual energy needs with the right systems and technologies and integrate and combine solutions to achieve synergies between different sectors and technologies.



<b>7</b> AFFORDABLE AND CLEAN ENERGY 	<b>9</b> INDUSTRY, INNOVATION AND INFRASTRUCTURE 	<b>11</b> SUSTAINABLE CITIES AND COMMUNITIES 	<b>13</b> CLIMATE ACTION 
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# AALBORG CSP

- Changing Energy

# YOUR TURNKEY GREEN ENERGY SPECIALIST

from concept development to reality



10.2 MW heat pump system, Halsskov



Lid solution for 70,000 m<sup>3</sup> PTES, Høje Taastrup



36.6 MWth Integrated Energy System, Australia



- One-stop-shop for accelerating the green transition
- Customized energy solutions
- Optimized and customized plant design
- Efficient integration with existing energy systems
- Preliminary design, FEED, and concept development
- Flexible collaboration, open-book and value engineering
- Service-friendly design and system set up
- Intelligent system integration



## RENEWABLE ENERGY SOLUTIONS

Aalborg CSP A/S is a leading developer and supplier of innovative, renewable technologies with the vision Changing Energy aiming at changing the way energy is produced and stored today.

We design and supply green solutions and integrated energy systems based on e.g., high- and low temperature energy storage, solar, heat pumps, boilers and Power-to-X for industries and power plants worldwide.

We match individual energy needs with the right systems and technologies and integrate and combine solutions to achieve synergies between different sectors and technologies.

## GREEN AND EFFICIENT SUPPLY

Reduced gas consumption, increased efficiency and flexibility, as well as a stable and green energy production are just some of the benefits you can achieve by integrating green technologies into your supply.

By integrating green solutions, district heating plants, utility companies and factories in need of e.g., process steam are able to reduce their gas dependency and achieve a greener and more efficient energy supply.

By integrating and combining multiple technologies within the same system, it is also possible to adjust the operation of the plant according to current conditions, thereby achieving a more efficient and flexible supply.

## FROM IDA TO REALITY

We offer turnkey delivery of a wide variety of renewable energy solutions supporting our clients through all project stages - from identification of needs and conceptual design to commissioning.

As a turnkey energy specialist, we offer a wide range of engineering services. We offer support and guidance in connection with e.g., component selection, dimensioning, assembly, and system setup.

In addition to turnkey contracts, where we act as single point of contact, we also offer EPCM services, feasibility studies, engineering consultancy as well as customized aftersales and service solutions.