



ARCTICGREEN

LESSONS FROM ICELAND AND CHINA IN GEOTHERMAL DISTRICT HEATING



Experience Geothermal The Hague

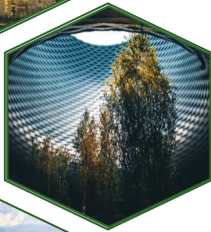
March 9, 2022

Who is Arctic Green

The world's largest and fastest growing geothermal district heating company
on a mission to bring clean heating to cities across the world



DEVELOPER, OWNER AND OPERATOR of geothermal district heating systems in over 70 municipalities across Asia and Europe



INDUSTRY LEADER with a proven track record of developing profitable geothermal projects and backed by strategic funding partner and shareholder GIC



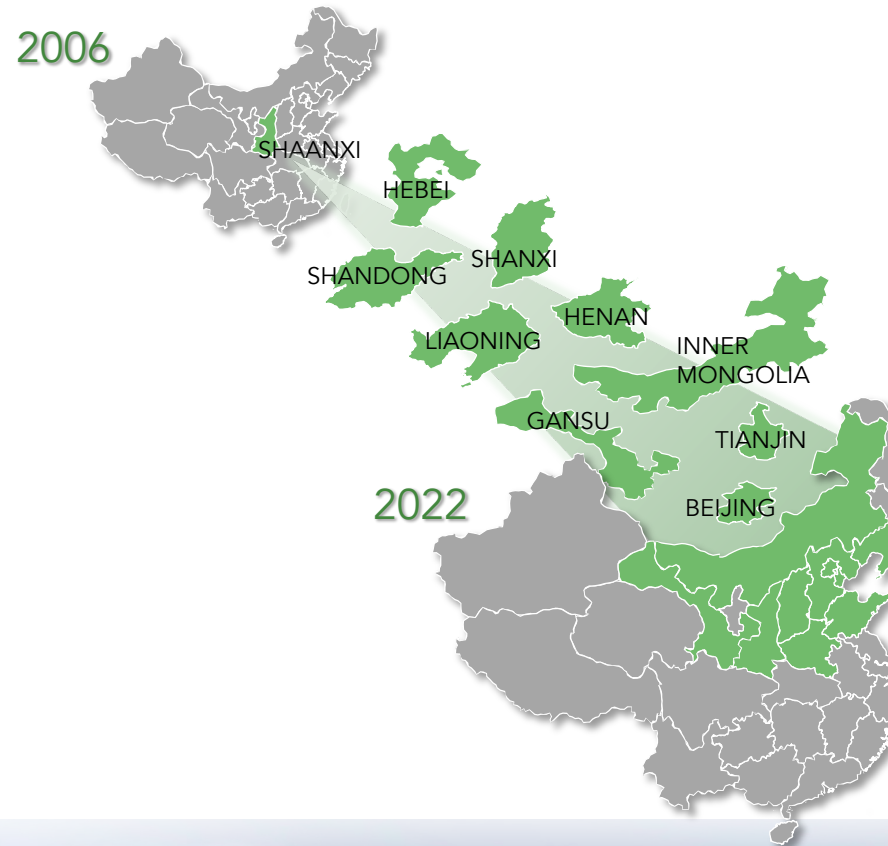
DECARBONIZATION PIONEER solving the challenges of clean heating and cooling



Arctic Green operations in China



<p>35% Market Share in China</p>	<p>65 million m² connected</p>
<p>800+ wells drilled</p>	<p>710 heat centrals operating</p>
<p>925+ heat pumps operating</p>	<p>>100 patents registered</p>



Arctic Green's carbon impact

CURRENT OPERATIONS

CARBON SAVINGS

4.2 million
tons saved annually



2022



SECURED GROWTH

DH CAPACITY

CARBON SAVINGS

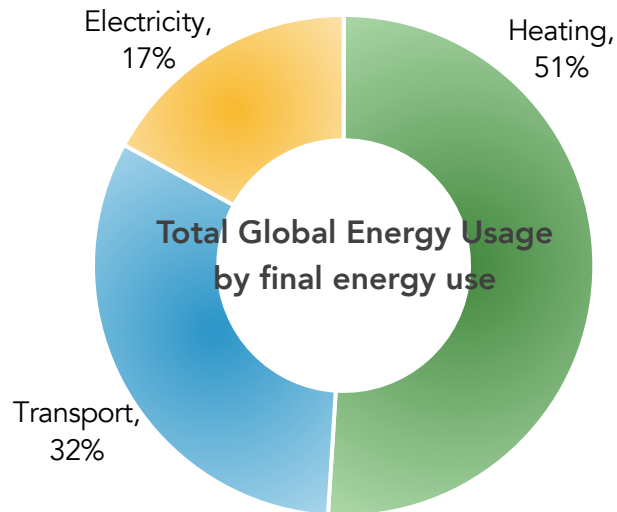
320 million
m² secured



20 million
tons saved annually



TREMENDOUS HEATING NEEDS MEETS QUALITY GEOTHERMAL RESOURCES



Sufficient reservoirs for widespread heating



>1/3 population potential



Energy security



Heating critical to carbon neutrality



Drivers for GeoDH expansion



LESSONS FROM CHINA & ICELAND

Attracting and sustaining geothermal investment requires aligning **political tailwinds** with **profitable technology**

MUNICIPAL AUTHORITIES

Educating decision makers on geothermal's decarbonization, carbon neutral, and price competitive benefits

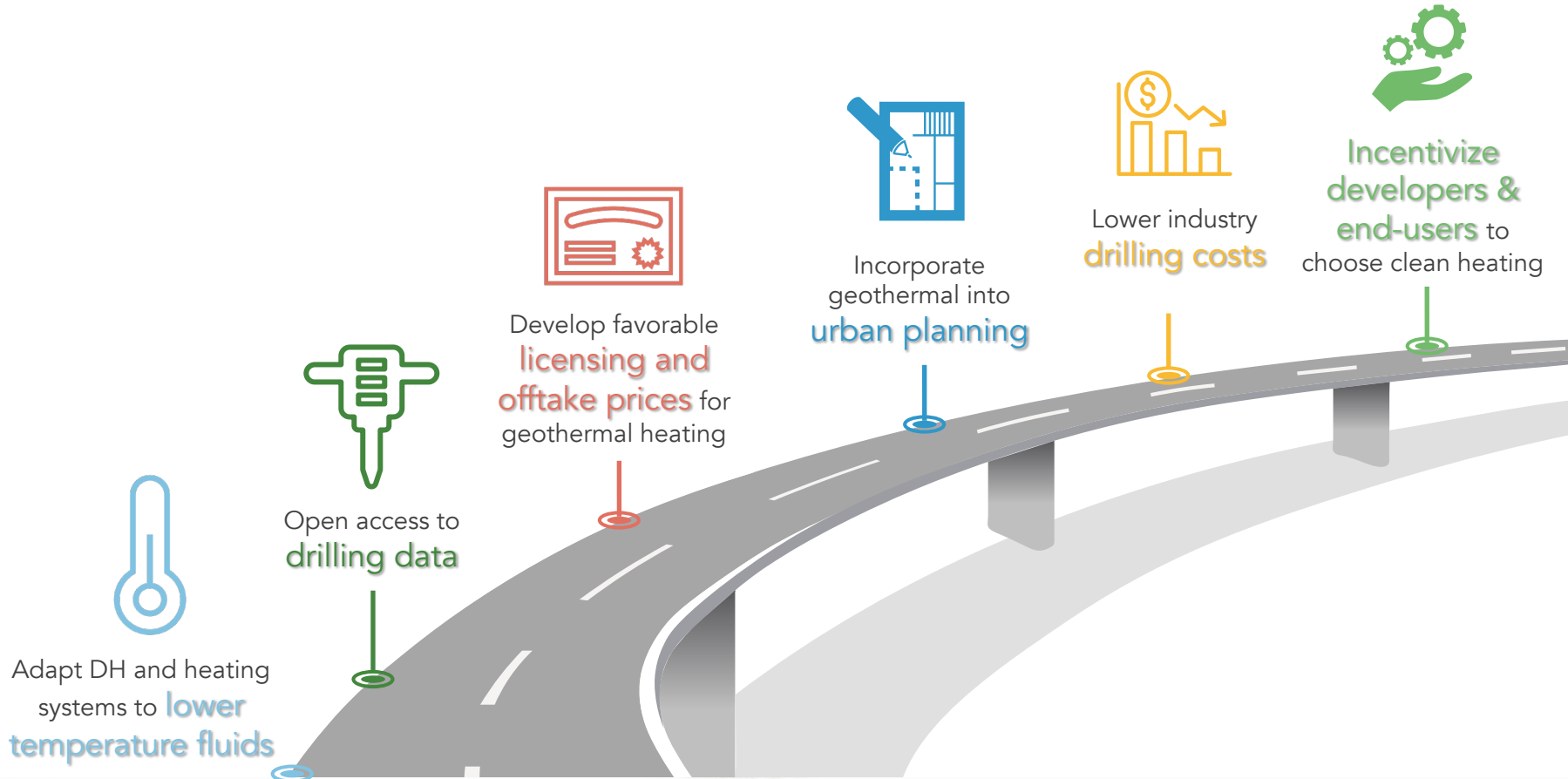


TECHNOLOGY

Developing GeoDH systems compatible with low temperatures



Roadmap to attracting investment





Breathing Cities of the Future

utilizing **dual energy systems**, one carrying electricity and the other water

built on **geothermal baseload** backbone

prioritizing **carbon sequestration** and carbon positivity

