Track 5 Market position

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| We investigate how aquathermal energy (AE) can position itself in the market and how it can influence energy security and independence. We want to understand how AE can contribute to a sustainable and socially just energy system and how it can be used in political planning and decision-making. We will also develop economic indicators to assess the prospects of carbon-free heating and cooling with holistic aquathermal energy.\* We want to raise awareness among politicians and regional policymakers about the potential of AE in terms of energy, ecology and socio-economic impact. The aim is to mobilize political support so that ambient heat from surface water is included in future energy plans and strategies at regional, national and European level. \* We also want to build strong connections with regional authorities and EU policymakers to create the right conditions for the implementation and scale-up of AE solutions across the North Sea Region (NSR) and the EU.\* Assessing the market and determining economic potential at a regional level.• We will analyze the market taking into account the current energy market and emerging technologies that compete with each other in that market. This will show us under what conditions AE systems can be cost-efficient and who the technological competitors are. The research will also assess the energetic, technical and economic potential of AE systems. |