

CANDIDATE STATEMENT FORM

1. Name, Surname.

Bob Harskamp

2. Nationality.

Dutch

3. Country of residence.

The Netherlands

4. What makes geothermal great?

*Geothermal energy is available everywhere beneath our feet, although only some resources are profitably exploitable. We have the data, knowledge, and intelligence to select the most profitable locations and make it reality. During the current global energy transition is system integration with other energy sources (renewable and even hydrocarbons) required, however geothermal energy has a massive potential with a small footprint on land to meet the base load renewable energy demand (as opposed to other renewables such as wind and solar). Utilizing geothermal energy does not involve volatile price fluctuations, which means stable electricity prices and this results in economic and social stability. In other words: **Geothermal energy has the power to make our earth more beautiful and a better place by using its own potential.***

5. What makes the IGA great and why would you like to be a part of the Association?

*The International Geothermal Association is the leading global authority and entity to represent our geothermal community to support, to promote, to educate, to connect, to inspire the world to use geothermal energy. Our community is convinced that geothermal energy can serve as a bridge towards a sustainable future and the IGA is the best platform to accelerate this process to support organisations, countries, and regions with standards and solutions for their geothermal developments. Where geothermal energy has the power to make the earth a better place. **IGA has the power to give geothermal energy a significant part in the renewable energy mix.***

6. What Social Media do you use? Please, insert links to your personal profile or your company's page.

Twitter <https://twitter.com/BobHarskamp>

LinkedIn <https://www.linkedin.com/in/bobharskamp/>
<https://www.linkedin.com/company/well-engineering-partners>

Website <https://wellengineeringpartners.com/>

7. Other comments.

What is the potential for geothermal energy in the Netherlands and globally?

*In The Netherlands, the development and realisation of geothermal energy started in 2006. In the years after, we have grown from an unknown sustainable energy source to a renewable heat source with geothermal energy heat as an essential aspect for the Dutch energy supply. Globally we are in the middle of an energy transition, and geothermal energy is in an important pillar. In our country, we don't have near-surface high-enthalpy/volcanic sources, but low-enthalpy deep geothermal energy in sedimentary basins at 2 to 3 kilometers depth and we have shown that it's financially and technically feasible. All 25 geothermal projects in the Netherlands produce more than 3000TJ of renewable energy, which is equivalent to the heat consumption of 58000 Dutch households. **Thanks to the courageous and entrepreneurial mindset of greenhouse keepers, geothermal consortiums, and investors we achieved these numbers, but our ambition is more abundant. We have a (Master)plan, and now it is the time to execute it. Important aspects are to:***

- *share our experiences and learn from others;*
- *develop other technologies & innovations to improve safety, efficiency and cost-effectiveness;*
- *investigate other (less deep and ultradeep) geothermal sources;*
- *exploit opportunities for system integration; and*
- *promote our fantastic energy source: geothermal energy!*