

For the attention of:

Ms Ursula von der Leyen, President of the European Commission

CC:

Mr Maros Sefcovic, Executive Vice-President

Ms Kadri Simson, Commissioner for Energy

Ms Elisa Ferreira, Commissioner for Cohesion and Reforms

Mr Thierry Breton, Commissioner for Internal Market

Mr Janusz Wojciechowski, Commissioner for Agriculture

Mr Wopke Hoekstra, Commissioner for Climate Action

Ms Iliana Ivanova, Commissioner for Innovation, Research, Culture, Education & Youth

Ms Ilze Johnson, Secretary-General

Wednesday 5th June 2024

Dear President von der Leyen

Prioritising a European geothermal strategy and action plan

Geothermal is a vital renewable energy solution for Europe. It provides baseload renewable electricity, heating, and cooling. It is the least-cost energy storage solution and, the most sustainable means of extracting lithium and other resources as a by-product. Geothermal is a major consumer of components manufactured in Europe and an employer of skilled professionals. We are proud to be 'Made in Europe' whilst supporting a global industry.

Whilst the sector continues to grow yearly, this growth rate falls significantly below its potential, and the requirements of the EU's binding climate neutrality target. This puts our competitiveness, security and prosperity at risk. We call on you to urgently correct this situation.

We call upon you to prioritise a **European geothermal strategy** and an **action plan** for implementation by the industry and Member States. This should be based on six pillars:

- i) A target of 250 GWs of geothermal energy by 2040 in electricity; heating and cooling (district heating and cooling systems, networked geothermal and standalone geothermal heat pumps); for use in public, residential and commercial buildings; agriculture; electricity generation, transport and manufacturing sectors;
- ii) Harmonisation and development of new support schemes including cross-border financial risk guarantees;
- iii) Endorsement of the Geothermal Industrial Alliance;
- iv) Accessibility of energy demand and geological data;
- v) Skilling workers, municipal network planners and permitting agencies;
- vi) Strengthening innovation and leadership of our domestic manufacturing industry.

There is considerable political will for a European approach to geothermal. The European Parliament and Committee of Regions voted with almost unanimity in favour of a European strategy on geothermal to remove the bottlenecks that prevent every sector in all countries from benefitting from this local, reliable and vital energy resource. Simultaneously, Member States such as Austria, Croatia, France, Germany, Hungary, Ireland and Poland introduced national strategies to accelerate geothermal investments and nurture local supply chains whilst tackling the food, energy and climate crises.

Furthermore, we recommend the **Mission Letters** for the Commissioners responsible for energy, climate, agriculture, sustainable industrial growth and regions are granted a mandate to develop geothermal in their portfolios. This ensures a holistic approach to geothermal and ensures that our industry, farmers, cities, and rural areas benefit from low-cost and abundant geothermal energy supplies.

We look forward to working with you to deliver this geothermal strategy and action plan.

Yours sincerely

A handwritten signature in blue ink, appearing to read 'Philippe Dumas'.

Mr Philippe Dumas, Secretary General, European Geothermal Energy Council

AbSOLAR
 Acluxega
 ADEME
 AFPG
 Alpheus Public Affairs
 Arctic Green Energy
 Arverne Group
 Association of Greek Geologists (AGG)
 Athanor Geotech Srls
 Avenia
 Axio-GENI
 Baker Hughes
 Baseload Capital
 Bengt Dahlgren
 Berufsverband Deutscher Geowissenschaftler e. V.
 Black Reiver Consulting
 Bodemenergie Nederland
 Borrforetagen
 BRGM – French Geological Survey
 Brunel University London
 Bulgarian Geothermal Energy Association (BAGE)
 Bundesverband Geothermie
 BVEG
 Canopus Drilling Solutions
 Cartographic and Geological Institute of Catalonia
 Celsius Energy
 Ceraphi Energy
 Chemfor
 Clean Air Task Force
 Clean Rock Energy B.V
 Climate Bonds Initiative
 Clúster de l'Energia Eficient de Catalunya
 Cogen Europe
 Consortium Drilling Ltd
 CoSviG Scrl
 Croatian Geothermal Association
 Croatian Hydrocarbon Agency
 CY Cergy Paris Universitie
 Daldrup & Söhne AG
 Danish District Heating Association
 e-think
 EAPOSYS AG
 Eavor
 ebn
 EDA Renováveis, S. A.
 EFF Traininginaktör
 Ellaktor Group
 Enel Green Power
 Energrouth Geotherm SLU
 Energy Cities
 Energy Economics Group, TU Wien
 Energy Institute Hrvoje Požar
 EngEthics
 ENNA Geo d.o.o.
 ES Geothermie
 Estonian Geothermal Association
 ETIP Geothermal
 EUREC
 Eureka Energy Systems
 EuroGeoSurveys
 Euroheat & Power
 European Federation of Geologists
 European Federation of Intelligent Energy Efficiency Services (EFIEES)
 European Federation of Local Energy Companies (CEDEC)
 EVN Wärme GmbH
 Exceed Geo Energy
 Exergy
 Fluergy

Flux Energy Solutions
 Fraunhofer IEG
 Geo5 GmbH
 Geoelec
 geoEnergie Konzept GmbH
 GeoEnergy Celle e.V.
 GeoEx
 GEOFLUID
 Geolith
 Geolog
 Geological Survey of Belgium
 Geological Survey of Estonia
 Geological Survey of Finland (GTK)
 Geological Survey of Serbia
 Geologischer Dienst NRW
 Geolom Ltd.
 Geolorsi
 Geoscience Ireland
 GeoServ
 GeoSphere Austria
 Geotect NMR Technology Estbrand OU
 Geothermal Association of Australia
 Geothermal Energy Advancement Association
 Geothermal Energy Association of Norway
 Geothermal Ukraine
 Geothermie Nederland
 Geothermie Österreich
 Geothermie-Schweiz
 GeoZS – Geloloski zavod Slovenije
 Getech
 GEUS
 Global Infrastructure Solutions
 GPC Instrumentation Process d.o.o.
 GPC IP
 Green Therma
 Greenhouse Geo Power
 Greenwell Energy GmbH
 Groenholland Geo Energy Systems
 Grup de treball de geotermica
 GSEU – Geological Service for Europe
 Gulfstream Partners
 H&P
 Hartmann Valves GmbH
 Hita
 HP Well Screen
 Hungarian Geothermal Association (MGA)
 IdroGeo Service Srl
 IF Technology
 IFP Energies Nouvelles
 IGA
 Inco-Drilling
 Ingen Group
 Innargi
 Innovative Energie für Pullach GmbH
 Institute of Natural Sciences, Belgium
 JESDER
 Johannes Gutenberg-Universität Mainz, Institut für Geowissenschaften
 Kane Centre for Renewable Energy Sources and Savings
 Karlsruhe Institute of Technology
 KCA Deutag Drilling GmbH
 Koringa Systems UK Ltd.
 Lietuvos Geotermijos Asociacija
 Magma Energy Italia s.r.l
 MAPSO Enerji San, Ve Tic A.S
 MOL Group
 MS Energy Solutions Ltd
 NDEWG GmbH
 NIMBUC Geoscience

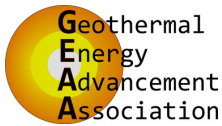
NORCE
Ocran Energy Energy AG
Openfield Technology
Opportunities & friends GmbH
Panonski Izvor d.o.o
Plataforma Tecnológica y de Innovación Española · Geotermia (Geoplat)
Pluton DG
Politecnico di Torino
Polskie Stowarzyszenie Geotermiczne
Poratek
Port PC
PPC Renewables S.M.S.A
Prologus Consulting Ltd
PW Energy A.S
Q Heat
Quadrifoli
QUALI Geotermia S.L.
Red S.r.l.
Reelwell
REENAG Holding GmbH
Renewable Energy Sources of Croatia
Resolia
Rete Geotermica
Romanian GEOEXCHANGE Society
Rototec
Samorka
Service public de Wallonie
Setubal Polytechnical University
SLB
Solar Impulse Foundation
Soyak Enerji Ticaret A.Ş.
Spike Renewables Srl
SRK Consulting
Stadtwerke München
Steam s.r.l
Strada Geothermal
Svenskt Geoenergiecentrum
Tectosat
Tellus Explora
Telur
Termonet Danmark
TERRA Umwelttechnik GmbH
The Romanian General Association of Refrigeration
TLS Geothermics
Transmark Renewables
TU Munich
Turboden S.p.A
UK National Heat Transfer Committee
Unione Geotermica Italiana
Universita Degli Studi di Padova
Universita Degli Studi di Firenze, Dipartimento di Ingegneria Industriale
Universitat Politècnica de Catalunya, Hydrogeology Group (UPC-CSIC)
Universitat Politècnica de Valencia
University of Glasgow
University of Stavanger
Vallourec
Veolia
Verano Resources GmbH
Vis Viva GSM
Vito
Von Zanthier & Dachowski
Vulcan Energie Ressourcen GmbH
Well Engineering Partners (WEP)
Well Guidance
Whelve Energy
Wiener Stadtwerke GmbH

Zeininger Architekten





Marco Orsi Geologo



green therma



AbSOLAR®



ALPHEUS
PUBLIC AFFAIRS



arverne
GROUP



Axiogeni



BENGT DAHLGRE



bodemenergie
NEDERLAND

BORR FÖRETAGEN®



BVEG
Bundesverband Erdgas,
Erdöl und Geoenergie e.V.



CATF CLEAN AIR TASK FORCE

CLEAN ROCK ENERGY

Climate Bonds INITIATIVE



CONSORTIUM DRILLING



eThink ENERGY RESEARCH

EAPOSYS

Eavor™



EDA RENOVÁVEIS GRUPO S.A.



HELECTOR MEMBER OF ELLAKTOR GROUP



ENERGROUT



Eureka Energy Systems From heat to power



Euroheat & Power



EVN



FLUERGY



GEOELEC