

ENERGYWATCHGROUP



ANNUAL REPORT 2021



FOREWORD BY THE PRESIDENT



Hans-Josef Fell
Former member of the German Bundestag (Bündnis 90/Die Grünen)
Co-founder of the Renewable Energy Sources Act (EEG)
President of the Energy Watch Group

Dear Supporters, Dear Readers,

In 2021, the EWG has once again managed an extensive workload. This is only possible thanks to the support of people and organisations like you. With this annual report, we would like to give you an overview of our activities and achievements of this past year. We hope that we have succeeded in finding a good balance between depth of information and clarity.

Due to the federal elections in September, a special turning point for climate protection is on the horizon this year. Many of the positions, the EWG amongst others had brought into the political debate, can now be found in the coalition agreement of the newly elected "traffic light" coalition.

A particularly important and major political success represents the EU Commission's new environmental aid framework. This now gives all member states permission to waive the tendering schemes for civic investments. In 2020, the EWG had the disadvantages of tendering schemes compared to the fixed feed-in tariff in the EEG analysed in an international study. The study showed, that in all countries investigated, investments in renewable energies dropped massively after a switch to tendering schemes and that the strong investment power of decentral citizen investors was crushed. Almost no one had taken up this issue scientifically and examined it more closely from a political point of view. We are very happy about the success of the study, as it was recognized in Brussels and had considerable influence, which is now reflected in the much more citizen-friendly environmental aid framework. Now it is important that the traffic light coalition quickly transposes this into national law. We at the EWG will keep an eye on it.

I would like to thank all the supporters who have contributed to another year of many important successes for the energy transition and climate protection. Together we will be able to achieve a lot in 2022!

I hope you enjoy your reading.

Sincerely yours
Hans-Josef Fell



Our Successes 2021 Scientific Studies



Study
100% renewable energies for Germany by 2030
Climate protection – Security of supply – Economic efficiency

May 2021
Thure Traber | Hans-Josef Fell | Franziska Simone Hegner
Energy Watch Group

Within just ten years, Germany can be converted to an energy supply based entirely on renewable energies across the board - this was the result of the first major EWG study of 2021. The study presents the first comprehensive energy scenario that ensures Germany's path to 100% renewable energies by 2030 is cross-sectoral, technologically and economically feasible, and with complete demand coverage even in winter dark lulls, accurate to the hour. The study met with great media response and political influence, among other things, in that the goal of 100% renewable energies by 2030 was adopted in the Climate Union's climate plan.



Short study
A full supply with 100% renewable energies including storage is already competitive today and would reduce energy costs.
An example from Germany

October 2021
Thure Traber | Hans-Josef Fell | Sophie Marquitan
Energy Watch Group

In October 2021, the EWG showed with a short study that a full supply with 100% renewable energies would already be competitive today compared to the current energy system based on coal, natural gas and nuclear. The EWG thus provides an answer to the enormous increase in energy costs in 2021. The study makes it clear that climate protection with 100% renewables now pays off compared to climate-destroying conventional energies, even if the external damage costs are disregarded and a year-round secure supply of electricity is aimed for. EWG's calculations show that by 2025 at the latest, an energy system based on 100% renewables will even be significantly cheaper than power generation with fossil fuels.

Our Successes 2021 Scientific Studies

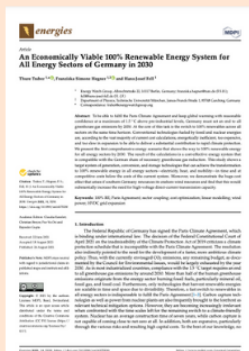


Study
100% renewable energies for Berlin and Brandenburg by 2030 -
Demand-based full supply of all energy sectors

December 2021
Thure Traber | Hans-Josef Fell
Energy Watch Group | Haleakala Foundation | Naturstrom Foundation

Shortly after the publication of the coalition agreement of the new red-green-red Berlin state government, the EWG presented a regional 100% RE study for the Berlin-Brandenburg region in December. As a supplement to the Germany study, the aim of this study, commissioned by Haleakala as well as the Naturstrom Foundation, was to simulate the detailed technical and economic feasibility of a conversion to 100% renewable energies for the capital region by 2030. The study shows for the first time for a metropolitan region how the complete conversion to 100% renewable energies with complete coverage of demand in all sectors can be achieved within less than ten years, even during winter dark periods. The study was presented at an online press conference attended by the authors of the study, the Senator for the Environment, Mobility, Consumer and Climate Protection in Berlin, Bettina Jarasch, and the climate and youth policy spokesperson for The German Green Party in the Brandenburg state parliament, Ricada Budke.

Our Successes 2021 Journal Articles



Journal Article
An economically viable 100% renewable energy system for all energy
sectors of Germany in 2030

April 2021
Thure Traber | Hans-Josef Fell
Energy Watch Group

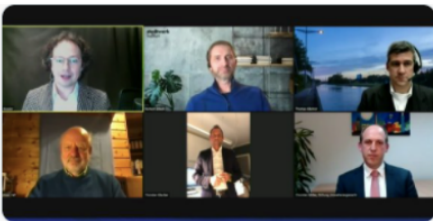
In a journal article published in the renowned scientific magazine "Energies" on September 2021, the central results of the Germany study published in May were made public. Thanks to the journal article, EWG's first comprehensive energy scenario, which shows the path to 100% renewable energies for all energy sectors in Germany by 2030, was brought to an even wider professional audience. This study shows a target system of generation, conversion and storage technologies with which the transformation to 100% renewable energies in all energy sectors - electricity, heat and mobility - in good time and at competitive costs.

Our Successes 2021 Events

Due to the pandemic, events in 2021 were again largely limited to the digital sphere. Nevertheless, we succeeded in presenting our scientific study results and policy recommendations to key players from politics, business and civil society, both nationally and internationally, and in discussing them in a variety of exciting formats. We have compiled a selection of interesting events from the past year for you here:

JANUARY

January 16 - 17



At the beginning of the year, Hans-Josef-Fell spoke at the annual conference of the Bavarian and Austrian Solar Initiatives. Even though the event could only take place online, it was a complete success. Hans-Josef Fell provided the 500 participants with a status report on the expansion of renewable energies worldwide and emphasised in a discussion round with the Bavarian Minister of the Environment, Thorsten Glauber: "Anyone who believes they can still emit CO2 after 2030 is leaving the ground of the Paris Agreement."

January 19

At the energy talks of the Austrian IG Windkraft, we presented the results of our analysis of the deficits of tendering schemes for renewable energies and pledged for a broader energy policy mix to achieve the goals of the Paris Climate Agreement.



January 22

In an open letter initiated by the Association for the Law of Peace, IALANA e.V., we addressed the German Federal Government and called on it to accede to the UN Treaty on the Prohibition of Nuclear Weapons. So far, Germany has refused to sign and ratify the international agreement that prohibits the development, production, testing, acquisition, stockpiling, transport, deployment and use of nuclear weapons.

Our Successes 2021 Events

FEBRUARY

February 9

Together with 46 scientists, we published a joint statement by the 100% RE Strategy Group - a global network of renowned experts for the implementation of 100% renewable energies & more scientific expertise in the international energy transition discourse. Based on research results from several groups, the statement shows that a transition to 100% renewable energy by 2035 will reduce energy costs, create jobs and eliminate air pollution problems. The results were presented in a virtual presentation at the Clean Tech Business Club.



February 17

On 17 February, Hans-Josef Fell took part in the expert conference on the search for a final nuclear repository. Because: A safe nuclear repository is crucial to avert social dangers!

March

March 02



In an interview with egoFM, Hans-Josef Fell explains why we are still lagging behind in terms of renewable energies and shows how we can do better.

March 04

With the heads of the Berlin party Klimaliste, Hans-Josef Fell discussed in an online lecture which hurdles stand in the way of Berlin's energy transition - and how it can succeed!



Our Successes 2021 Events

March 04

On the same day, Hans-Josef Fell was a guest on Transparenz TV and spoke about the background of the climate pollution lobby in Germany and the political failure to build renewable energy.



March 04



The third lecture of the day was given by Hans-Josef Fell at Solar & Storage DigiCon - the first virtual conference for the global solar PV and energy storage industry. In a presentation, he shed light on the reasons for the stagnation of the German energy transition and explained what it will take for it to pick up speed again.

March 13

On 13 March, the Deutschlandfunk radio station hosted a debate on the future of nuclear energy in its programme "Streitkultur". In the discussion with Anna Veronika Wendland from the association Nuklearia, Hans-Josef Fell made it clear that nuclear power cannot contribute to climate protection!

March 16



Once again a guest on Transparenz TV, Hans-Josef Fell debunked nuclear energy illusions in an interview with Franz Alt ten years after Fukushima. He spoke about the consequences of the SuperGAU and the necessity of the global nuclear phase-out and makes clear: "The survival of nuclear energy is not an option, not in Germany, not anywhere!"

March 20

Together with 150 other organizations, we wrote an open letter to the World Bank's Executive Board, calling on them to finally end their massive support for fossil fuels and to ensure that their activities in future are in line with the principles of the UN Sustainable Development Goals.

Our Successes 2021 Events

APRIL

April 16



Together with 2185 renowned international scientists, we appealed to the world's governments with an open letter and demanded a global fossil non-proliferation treaty to end the expansion of fossil fuels, to phase out existing plants and to invest in the conversion to 100% renewable energies.

April 27

On 27 April, the Berlin alliance 'Berlin 2030 climate neutral' launched a petition for a referendum to accelerate climate neutrality for Berlin. We support the alliance and demanded an ambitious amendment of the Berlin Energy Transition Act with the aim of making the capital largely climate neutral by 2030.



MAY

May 15



Together with lawyer Mathis Bönnte, Hans-Josef Fell discussed at "Extinction Rebellion's Thementalk" what impact the landmark climate protection ruling of the Federal Constitutional Court has on forms of protest of civil disobedience by ExtinctionRebellion and other groups of the environmental & climate justice movement.

May 21

Once again Hans-Josef Fell was a guest at the "Extinction Rebellion Themen-Talk" and explained why net zero and compliance with the 1.5 degree limit are not enough. He clarified: "Any further heating of the earth is unacceptable, because we already have thousands of dead and displaced people at 1.2°C."



Our Successes 2021 Events

May 18

On 18 May, the Swiss company Meyer Burger Technology AG opened its new high-performance plant for the production of solar cells in the district of Anhalt-Bitterfeld, also known as "Solar Valley". In addition to Minister Rainer Haseloff and CDU Secretary General Paul Ziemiak, Hans-Josef Fell as well opened the event with a welcoming speech.



JUNE

June 17



Together with CAN Europe and 19 other organizations, we published the European Civil Society Natural Gas Manifesto and called for the urgent European phase-out of fossil gases by 2035. Our demands included an immediate end to fossil subsidies and the rejection of the inclusion of natural gas in the EU taxonomy.

JULY

July 01

At a virtual press conference organised by Klimaneustart Berlin, Hans-Josef Fell, Volker Quaschnig and other supporters of the initiative demonstrated that a climate neutral Berlin by 2030 is possible. He emphasised: "We do have all the technologies. The only thing that needs to be done is to remove the political blockades."

Our Successes 2021 Events

July 03



Sustainable mobility is particularly important for climate protection! The best mode of transport for short and medium distances is cycling, an incredibly important way of transport worldwide. Therefore, it is of particular importance to support cycling and advocate for better transport policies. This is exactly what Hans-Josef Fell did together with MdB Manuela Rottman. More than 100 demonstrators took part in the colourful bicycle demonstration, and cycled for a better future!

July 08 - 09

Hans-Josef Fell was invited to speak at the important international event Global Solar Council Virtual Forum 2021. He gave a presentation on the important role that solar energy can play in providing access to electricity in Africa.



July 16



Hans-Josef Fell's contribution to the well known ARD Kontraste TV revealed how climate protection was prevented by obstructing the expansion of wind power under chancellor Merkel and her ministers. Without this blockage Germany could already have had an emission-free electricity supply with 100% renewable energies long ago.

Our Successes 2021 Events

July 30



Of particular importance this summer was Hans-Josef Fell's speech at the Fridays For Future climate strike in Munich. The activism of Fridays For Future is tremendously significant in reminding governments worldwide of the consequences of their inaction. The fact that so many young people are standing up for the climate is optimistic!

AUGUST

August 06

Together with "Bündnis Bürgerenergie" and many other organizations, we filed a complaint against the German government with the EU Commission in August. Germany has not implemented the Renewable Energy Directive and we will not accept this! Citizen energy must no longer be thwarted!



August 15



In mid-August, Ingo Stuckmann presented Hans-Josef Fell and the Olympian Charlotta Nwadije with the Climate Medal at the start of the AugustRiseUp in Berlin. It was a special honour for Hans-Josef Fell and showed how people intergenerational and international the climate movement is.

August 22

As a keynote speaker at the 12th World Renewable Energy Technology Conference, EWG Chief Economist Thure Traber explained how and why the global shift to 100% renewable energy is possible and absolutely necessary.



Our Successes 2021 Events

August 23



At the election campaign launch of Bündnis 90/ Die Grünen, Hans-Josef Fell called for 100% renewable energies without nuclear power by 2030 - ironically, right next to the Grafenrheinfeld nuclear site. He received full support from the candidates Nico Lommatzsch and MdL Ursula Sowa.

August 24

Another significant moment was the inauguration of the citizens' wind farm in Elfershausen, Bavaria. Hans-Josef Fell joined to support a local citizens' initiative that is committed to a decentralised energy supply for the region.



SEPTEMBER

September 02

KONTEXT

activism



In an interview with Kontext-TV, Hans-Josef Fell called for civil disobedience in the face of the blocked energy revolution as well as for a switch to 100% renewables, which is feasible within 10 years without sacrificing comfort.

September 03

At a joint event organised by Bündnis 90/Die Grünen, Beckumer4Future, BE-Lebt, AK Klimaschutz Beckum and Solarförderverein Deutschland e.V., Hans-Josef Fell gave a lecture on the topic: "100% Renewable Energies by 2030 - Saving the Earth and Saving Money at the Same Time!"



Our Successes 2021 Events

September 09 - 12



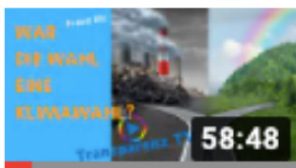
Over several days, Hans-Josef Fell supported the election campaigns of the party "Klimaliste Berlin" for the 2021 climate election. In view of Germany's drastic emissions and global warming, a comprehensive policy change is urgently needed and the "Klimaliste Berlin" so far is the only German party with a plan for 1.5 degree compliant policies.

September 24

Of course, we also joined the Global Climate Strike on 24 September, shortly before the federal elections. Together with about 100,000 demonstrators we demanded: "No degree further!". But in order to stay within 1.5°C, political measures must finally follow!



September 27



Hans-Josef Fell was once again a guest on Transparenz TV. This time, they discussed the question of whether this year's Bundestag election can be considered a climate election and what the election results mean for future climate protection.

OCTOBER

October 04



At Hans-Josef Fell's presentation at the Smart Energy Symposium in Hamburg this year, his appeal was: "We must put the need for climate protection at the forefront of our thinking in order to achieve 100% renewable energy by 2030!"

Our Successes 2021 Events

October 06



On the occasion of the successful handover of over 39,000 signatures for the climate referendum to the Berlin Senate, Hans-Josef Fell spoke at the press conference of the initiative "Klimaneustart": "With the feasible goal of climate neutrality, including 100% renewable energies by 2030, Berlin could become a role model for climate protection and energy transition."

After receiving the signatures the Senate has five months to examine the admissibility of the petition for a referendum and to approve the amendment of the law in the subsequent discussion in the parliament. Otherwise a referendum will be officially initiated.

October 11

At the virtual freshman academy of the University of Freiburg, Hans-Josef Fell gave a lecture on the topic of the global climate emergency and discussed together with the students which political measures are now urgently required worldwide.

October 29

At the founding event of "Forum 1.5 Mittelfranken" at Friedrich Alexander University Erlangen-Nuremberg, Hans-Josef Fell also spoke about the climate emergency and the necessary measures for real climate protection in the region.

NOVEMBER

November 08



Hans-Josef Fell's contribution to the climate podcast "no more pille palle", which discusses the background and causes of the climate crisis, was also particularly interesting. In episode 2, Hans-Josef Fell as a guest discussed among other things, why climate protection is still largely seen as a burden.

November 09

In this episode of Transparenz TV, Hans-Josef Fell challenged politicians and revealed that there is no political agenda for zero emissions.



Our Successes 2021 Events

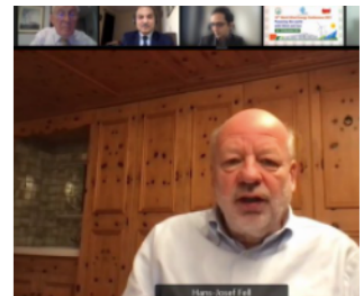
November 23



Hans-Josef Fell was invited to the Transformation Summit entitled "Climate in Transition - The Climate Policy Agenda for the New German Government" by the German newspaper "Welt". As the sole defender of 100% renewable energy, he particularly addressed the most important measures that the new government must strive for immediately in order to meet the climate targets.

November 25

At the 19th World Wind Energy Conference of the Indian "Energy and Resources Institute TERI", experts from the entire renewable energy sector discussed the challenges arising from the transformation of the transport sector. In his keynote speech, Hans-Josef Fell emphasised: "Creating an enabling environment for the transformation of the transport sector is key to a world with 100% renewable energy".



November 29

At a Slovenian conference entitled "Enough for Everyone: A Solar Power Plant in Every Community", Hans-Josef Fell in his speech urgently advised against the planned construction of another nuclear power plant and instead explained the importance of the rapid expansion of 100% renewable energies for Slovenia.

DECEMBER

December 10



Finally, at the end of the year, the study "100% renewable energies for Berlin-Brandenburg by 2030" was presented at an online press conference. In addition to the authors of the study, Bettina Jarasch, Senator for Environment, Mobility, Consumer and Climate Protection in Berlin, Ricarda Budke, Green Party Member of the Brandenburg State Parliament, Dr. Hermann Falk, Chairman of the Naturstrom Foundation and Dr. Paul Grunow, Chairman of the Haleakala Foundation were among the panel guests.

Our Successes 2021 Events

OTHER ACTIVITIES



In recent months, Hans-Josef Fell and the Energy Watch Group have again held talks with decision-makers from companies, associations, foundations and politics at regional, national and international conferences and meetings. Important political discussions took place with, among others, ministers, state secretaries, members of parliament, representatives of the European Commission and MEPs in Brussels and, of course, also at the regional level, such as with representatives of the Bavarian State Parliament. At the regional level, Hans-Josef Fell continues to campaign for various referendums, including on the topics of wind power, bees and organic farming.



Hans-Josef Fell and other team members of the Energy Watch Group again participated in online climate protection demonstrations in recent months, supporting the Fridays For Future movement, including internal and public events.

Our Successes 2021 Public Relations

We continue to be very active in our communication work in order to reach decision-makers from politics and business as well as the broadest possible public with the results of our scientific work and the recommendations for action we have developed.

NEWSLETTER & SOCIAL MEDIA



energywatchgroup.org

The Energy Watch Group's English-language channels cover the entire international region. With our monthly newsletter, which addresses the most relevant climate and energy policy developments and presents the latest scientific findings, we reach an increasing number of leading scientists, journalists, funders, partners, and even political and economic decision-makers.

Newsletter: 1.100 readers

Twitter: 3.300 followers

LinkedIn: 1.300 subscribers

www.energywatchgroup.com



hans-josef-fell.de

In German-speaking countries, we also continue to register great interest in Hans-Josef Fell's opinion pieces, analyses and assessments, so that the reach of the personal digital channels is constantly growing. In 2021, a total of 104 newsletters were carefully researched and published. The newsletters analyse regional and national as well as European and international developments in the field of renewable energies and climate protection, but also in the subject areas of economic policy, democracy and citizen participation, geopolitics, fossil energies, nuclear power, mobility and agriculture. The newsletters are also increasingly picked up and disseminated by other media, especially frequently by the well-known trade magazine pv magazine Deutschland.

Newsletter: 3.000 readers

Twitter: 6.000 followers

LinkedIn: 3.900 subscribers



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Our Successes 2021

Press

The Energy Watch Group was once again widely represented in media in 2021 with interviews, guest commentaries and mentions in numerous media outlets. Here are some selected articles:

Tagesschau	<u>Wie stark der Windkraft-Ausbau stockt</u>	22.12.2021
Energiebau	<u>Die Abkehr vom Erdöl ist für Landwirte wirtschaftlich überlebenswichtig</u>	22.12.2021
Wochenblatt für Landwirtschaft und Landwirte	<u>"Kontrovers: Blick von außen: Steigen die Ölpreise weiter?"</u>	13.12.2021
Tagesspiegel Background	<u>100 Prozent Erneuerbare in Berlin-Brandenburg möglich</u>	13.12.2021
Energie Zukunft	<u>100 Prozent Erneuerbare Energien für Berlin und Brandenburg</u>	13.12.2021
Sonnenseite	<u>Neue Studie: Umstellung auf 100% Erneuerbare Energien in Berlin-Brandenburg bis 2030 ist techno-ökonomisch möglich</u>	12.12.2021
PV Magazin	<u>EWG-Studie: Klimaneutrale Energieversorgung Berlins machbar – Potenzial für Photovoltaik liegt bei 12 Gigawatt</u>	10.12.2021
Märkische Allgemeine Zeitung	<u>100 Prozent erneuerbare Energien für Berlin und Brandenburg bis 2030: So soll das klappen</u>	10.12.2021
Deutschlandfunk	<u>Studie: 100% Erneuerbare Energien bis 2030 möglich; Int. mit Hans-Josef Fell</u>	08.12.2021
Die Welt	<u>Die Welt Sonderausgabe zum Transformationsgipfel</u>	02.12.2021
Bayerischer Rundfunk	<u>Energieautarkes Wohnen in Hammelburg: Rapsöl, Sonne und Co.</u>	19.11.2021
Klimareporter	<u>Für 100 Prozent Erneuerbare bis 2030 fehlt nur noch der politische Wille</u>	15.11.2021
Sonnenseite	<u>Klimaschutz wird vor Ort praktiziert</u>	01.11.2021
Energiezukunft	<u>Mehr Erneuerbare im Energiemix würden den Strompreis senken</u>	01.11..2021
Energypost	<u>Germany: can 100% renewable power reduce energy costs within the decade?</u>	27.10.2021
PV Magazin	<u>EWG: Kosten für erneuerbare Vollversorgung sinken bis 2025 auf 9 Cent pro Kilowattstunde im Schnitt</u>	27.10.2021

Our Successes 2021

Press

Solar Buisness Hub	<u>Electricity in Germany would be cheaper today with a full supply of 100% renewables, EWG study finds</u>	27.10.2021
MainPost	<u>Für Friedensnobelpreis vorgeschlagen: Wie sind Ihre Chancen, Hans-Josef Fell?</u>	02.09.2021
Klimareporter	<u>EEG-Reform muss auf 100 Prozent Erneuerbare bis 2030 zielen</u>	02.09.2021
Frankfurter Rundschau	<u>Doppelt grün auf Wiener Dächern</u>	27.08.2021
Infosperber	<u>Agrarkonzerne und Überhitzung gefährden die globale Ernährung</u>	10.08.2021
Klimareporter	<u>Vom Schneckentempo zur Schrittgeschwindigkeit</u>	03.08.2021
Solarify	<u>Fell: Aus der Flut nichts gelernt</u>	30.07.2021
Deutsche Wirtschaftswoche	<u>100 Prozent erneuerbare Energie bis 2030? Lobbyisten gefährden mit populistischen Studien Deutschlands Stromversorgung</u>	18.07.2021
PV Magazin	<u>Solar PV rapidly becoming protagonist in a world in transformation</u>	16.07.2021
Sonnenseite	<u>Hochwasser: Wo bleibt die deutsche Klimawende</u>	16.07.2021
Junge Welt	<u>Greenwashing und jahrzehntelanges Verleugnen stehen einer konsequenten Klimawende bislang im Weg</u>	06.07.2021
Klimareporter	<u>Klimawandel, Klimakrise oder sogar Klimakollaps?</u>	02.07.2021
Deutsche Gesellschaft für Sonnenenergie	<u>100 Prozent in neun Jahren sind möglich - neue Studie der Energie Watch Group</u>	04.06.2021
Frankfurter Rundschau	<u>CO2-Emissionen in Deutschland: „2030 nur noch Öko-Energie“</u>	31.05.2021
PV Magazin	<u>EWG: 100 Prozent erneuerbare Energieversorgung wirtschaftlich in Deutschland möglich</u>	28.05.2021
Spiegel	<u>So klappt die komplette Energiewende bis 2030</u>	27.05.2021
Pressenza	<u>Germania, la Corte costituzionale boccia la politica climatica del Governo federale</u>	18.05.2021

Our Successes 2021

Press

Politico	<u>How Merkel's climate caution helped the rise of Germany's Greens</u>	11.05.2021
Main Post	<u>E-Auto-Pionier Hans-Josef Fell: "Im Vergleich sind E-Autos heute schon billiger"</u>	26.04.2021
Die Welt	<u>Jetzt bricht die Klima-Lobby das Technik-Tabu</u>	26.04.2021
Solarify	<u>100% Erneuerbare Energien weltweit machbar</u>	21.04.2021
Cleantechnica	<u>47 Scientists: World Should Go 100% Renewable Electricity By 2030</u>	10.04.2021
PNP	<u>Von sieben auf 900</u>	06.04.2021
Top Agrar online	<u>Fell: Fossile Energiewirtschaft beeinflusst Studien, Gesetze, Medien</u>	31.03.2021
PV Magazin	<u>Lobbyregister, ARD, dena: Noch immer hat der Lobbyismus der klimaschädlichen Konzernen die deutsche Energiepolitik fest im Griff</u>	30.03.2021
Deutschlandfunk	<u>Kampf gegen den Klimawandel - Brauchen wir die Kernenergie?</u>	13.03.2021
Energías Renovables	<u>Diez años después de Fukushima, las renovables están listas para aportar toda la energía mundial</u>	11.03.2021
Canadian Biomass Magazine	<u>Renewable energy could provide world with its power by 2030: experts</u>	02.03.2021
The Wheater Network	<u>100% renewable energy could power the world by 2030, experts say</u>	02.03.2021
Euractiv	<u>EU climate neutrality by 2050 is not Paris-compatible</u>	01.03.2021
Tagesspiegel Bckground	<u>Methan-Tipps aus Moskau und Washington</u>	02.02.2021
TVP Info	<u>Greenpeace Energy sprzedaje „gaz ekologiczny”. Jego stosowanie szkodzi klimatowi</u>	28.02.2021
PV Magazin	<u>2021 wird das Jahr des beschleunigten Ausbaus der Erneuerbaren Energien</u>	11.01.2021
Klimareporter	<u>Ausschreibungen – ein Fehler im System</u>	06.01.2021

Our Successes 2021

Podcasts and Audio

In recent months, Hans-Josef Fell has been a recurring guest on various podcast formats, talking about the work of the Energy Watch Group, in particular the scientific results of the studies and the political demands derived, as well as his political career with a special focus on the arising challenges for the newly selected federal government.

Transparenz TV	<u>Ampel: PV-, Speicher & Windförderung</u>	30.11.2021
Transparenz TV	<u>Klimaschutz: Auf welchem Weg sind wir?</u>	16.11.2021
Transparenz TV	<u>Energiekosten und Klimaschutz - Was muss jetzt passieren?</u>	09.11.2021
No more Pille Palle	<u>Warum viele Klimaschutz als Last sehen</u>	09.11.2021
Transparenz TV	<u>War die Wahl eine Klimawahl?</u>	27.09.2021
KontextTV	<u>Hans-Josef Fell: Die blockierte Energierevolution</u>	02.09.2021
The smarter EPodcast	<u>100% Erneuerbare Energien für Deutschland bis 2030?</u>	24.06.2021
Money For Future	<u>100% Erneuerbare Energien für Deutschland bis 2030 möglich?</u>	15.06.2021
The Creative Process Podcast	<u>Hans-Josef Fell</u>	27.05.2021
Extinction Rebellion Thementag	<u>Klimaklage, Notstand und Ungehorsam</u>	21.05.2021
Extinction Rebellion Thementag	<u>Warum 1,5 Grad zu viel sind.</u>	15.05.2021
Transparenz TV	<u>Kernenergie-Illusionen: 3 Jahre nach Fukushima</u>	15.03.2021
Transparenz TV	<u>Stirbt das EEG?</u>	02.03.2021

Our Team



Hans-Josef Fell

President

Hans-Josef was a member of the German Bundestag for Alliance 90 / The Greens from 1998 to 2013, and is the initiator of the Renewable Energy Sources Act (EEG), the basis for the expansion of RE in Germany and worldwide. Hans-Josef initiated the EWG in 2006 and has represented it as its president since its foundation.



Doreen Rietentiet

General Manager

Doreen is a journalist and expert in strategic communication and innovation in the renewable energy sector. She is co-initiator of the Leaders for Climate Action initiative and the Energy Watch Group, as well as founder and CEO of a renewable energy consulting agency.



David Wortmann

Advisory Board

David helped prepare the foundation of the International Renewable Energy Agency (IRENA) and has many years of political experience, including as a research assistant in the German Bundestag. He is the founder of various companies and initiatives in the field of renewable energy and climate protection.



Dr. Thure Traber

Research Officer

Thure has more than 15 years of experience in modeling and policy analysis in the field of sustainable energy. He previously worked at Kiel University, the German Institute for Economic Research (DIW), and the Technical University of Denmark. He received his PhD from Kiel University.



Sophie Marquitan

Project & Partnerships Lead

Sophie draws on 6 years of experience in business development and communications in the international non-profit sector, and is engaged in climate activism and politics. She holds a bachelor's degree in Social Sciences from the University of Siegen, and a master's degree in International Business from Maastricht University.

Our Team



Lena Tischler

Project and Communications Manager

Lena is part of the EWG team since December. Previously, she worked for various non-profit organisations such as the Berlin Animal Protection Society or the online platform Abgeordnetenwatch.de. Lena studied Politics, Administration and Organisation (B.A.) at the University of Potsdam and Nonprofit Management and Public Governance (M.A.) at the University of Applied Sciences in Berlin.



Elena Müller

Project Assistant

Elena joined the EWG in November. She specialised in the field of sustainable development and international climate policy while doing her Masters at the FU Berlin in Latin American Studies and previously studied Cultural Studies and Modern Languages at HU Berlin.



Sophia Leandra Binz

Project Assistant

After completing her bachelor's degree in International Relations and International Organization in the Netherlands, Sophia specialized in the field of sustainability, international climate policy and energy transition. She is currently pursuing her master's degree in Sustainable Development at Uppsala University in Sweden.

Portrait

Our Goals

The Energy Watch Group (EWG) is an independent, non-profit think-and-do tank based in Berlin. We are dedicated to accelerating political action towards renewable energy and climate protection through scientific analysis, policy advice and dialogue.

VISION

We envision a zero-emission world where no more greenhouse gases are emitted and atmospheric carbon dioxide is reduced to a climate-protecting level of 350 ppm. This is the only way to reestablish Earth's energy balance and preserve human civilization as we know it.

As the fossil energy sector is the biggest contributor to greenhouse gas emissions, the global energy system must be based on 100 % renewable energy sources in order to:

-  protect our climate, our environment and our health
-  contribute to peace and conflict resolution
-  diminish social and economic inequality
-  promote economic development and prosperity for all
-  enable all regions of the world achieve energy independence

A zero-emission world also requires a complete global transformation towards organic farming, circular economy, species-appropriate animal husbandry and ecosystem restoration.

MISSION

We are committed to advancing political action for 100 % renewable energy and climate protection worldwide. To this end, we produce scientific analyses and studies, provide political advice to decision-makers and inform the public. Our global, non-partisan network of scientists and parliamentarians provides a strong voice for the transition to 100 % renewable energy

APPROACH

Initiated by Hans-Josef Fell, then member of the German parliament, the Energy Watch Group was founded by a group of international parliamentarians and scientists in 2006. The EWG connects the political and scientific sphere via designing policy solutions based on a solid scientific foundation and political experience. Only a holistic approach in combination with the political willingness will provide us with the needed solutions: stable, long-term and reliable policy frameworks adapted to regional conditions and environments.

Portrait

Our Competencies

OUR EXPERTISE

With our longstanding experience, well-established networks and team of interdisciplinary experts, the EWG is perfectly positioned at the intersection between cutting-edge science and political change. We have a large network of researchers and parliamentarians and maintain partnerships with leading universities and research institutes. The EWG's work is based on three pillars: Scientific analysis, policy advice and dialogue & public outreach. This is how we can provide fast and effective science-based political advocacy, feed political experiences into the process and thereby shape policy-making towards a zero-emissions world.

SCIENTIFIC ANALYSIS

Consistent climate and energy policies require cutting-edge, independent and transparent scientific work.

- Monitoring and evaluation of energy policy developments, scientific analysis of the status quo of energy systems and critical review of external assessments
- Energy scenario modeling of future energy systems based on 100% renewable energy: Development of roadmaps for countries, regions and municipalities
- Assessment of climate change impacts (e.g. greenhouse gas emissions across all sectors), mitigation potentials of carbon sinks and potentials of new energy & climate protection technologies

POLITICAL ADVICE

We guide decision-makers worldwide in implementing sustainable energy and climate policies.

- Tailor-made policy recommendations (policy papers & legislative proposals) for the transition to 100% renewable energy at national, regional and municipal levels
- Close exchange with government representatives, parliamentarians and other policy makers to disseminate scientific knowledge, transfer experiences & share best practices
- Joint projects and campaigns with European and international NGOs, research institutions and other organisations (e.g. IRENA Coalition for Action, CAN-Europe)

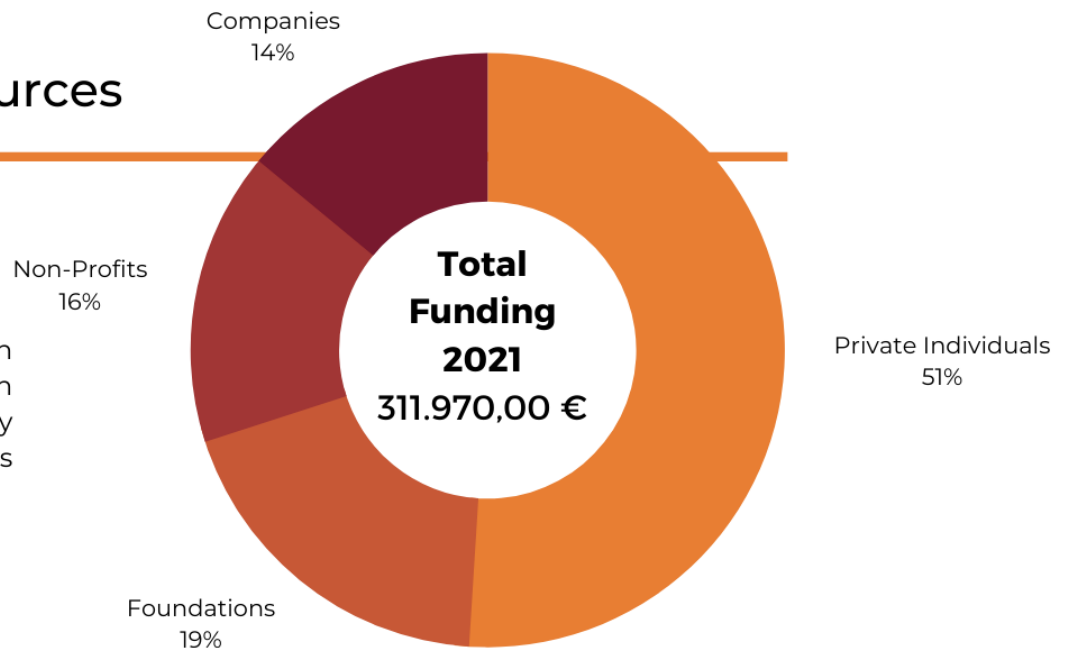
DIALOGUE & PUBLIC OUTREACH

Close exchange with civil society and media advance political discourse and societal change.

- Shaping the public discourse through a multi-channel approach: Scientific publications, digital channels, press articles, events, conference participation and individual discussions
- Information-sharing on global divestment developments via own tool: Divestment Tracker
- Strengthening dialogue, coordination and synergies among stakeholders, initiatives and our network to build a strong voice for 100% renewable energy and climate protection

Funding & Resources

As a charitable organization (gGmbH), the Energy Watch Group is financed by philanthropic donations and project funding.



Funders of >10% of annual income

- Haleakala Foundation
- Hans-Josef Fell (from the Lui Che Woo Prize for his lifetime achievement, Prize for World Civilization 2018 for the Sustainable Development of the World)
- Industrial Technology Research Institute (ITRI)

Funders of >5% of annual income

- Dorothea Sick-Thies
- hell & karrer communications GmbH
- Naturstrom Foundation
- Norbert Reidinger, Entrepreneur
- PSD Bank Berlin-Brandenburg

We would like to thank all our donors for their generous contributions to support our independent and non-partisan work!

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