



Generalforsamling

Den årlige generalforsamling blev afholdt den 25. juni 2017 med 32 medlemmer der deltog i den gode dialog om fremtidens energi aktører, lokalt ejerskab til energianlæggene og hvordan Vedvarende Energi kan skabe lokal udvikling.

Støttekredsen regnskab udviste en kasse beholdning på 61.370,44 kroner. Genvalg til Ian Jordan, kasserer for støttekredsen. Til bestyrelsen blev Per Thostrup og Nanna Hvelplund genvalgt.

Præsentation af 3 nye medlemmer til støttekredsen. Støttekredsen består af 131 medlemmer.

På bestyrelsesmøde den 21. august konstituerede bestyrelsen sig med Ole Vagn Christensen som formand og Nanna Hvelplund

INFORSE EUROPE Seminar

INFORSE, Europa afholdt internationalt seminar på Nordisk Folkecenter i dagene 20. til 26. august 2017.

32 personer fra energi, miljø og klimaorganisationer fra 17 forskellige europæiske lande er samlet på Nordisk Folkecenter for Vedvarende Energi for at drøfte en folkelig indsats for bedre miljø og klima.

Nogle af de 17 organisationer afholdt det første møde på Folkecenter tilbage i 1990 for senere i Rio De Janeiro ved den første store FN miljøkonference konference i 1992 officielt at stifte INFORSE. Siden har organisationerne stået sammen og udviklet sig til en regulær international NGO. Målet er et fossil og atomkraft frit Europa hvor sol og vind er de dominerende energiformer. Der har i alle årene været god dialog, udveksling og erfaringer landene imellem.

At 25 års jubilæet afholdes på Folkecenter var naturligt. De mange personer meddelte også ved afslutningen, at de havde hentet en stor del af deres inspiration på Folkecenter samt i Thy, der længe har været forsynet 100 % med el og varme fra sol, vind og biomasse.

Slut med ATOMKRAFT i Frankrig

En af deltagerne INFORSE Europa seminar organisation HESPUL, Frankrig ved Mr. Marc Jedliczka. Marc kunne berette om Frankrigs planer for nedlæggelse af atomkraftværker. Således skal 17 ud af 58 atomkraftværker stoppes inden for de næste få år og de 25 % af elektricitet som de 17 værker har produceret skal erstattes af sol og vind.

Atomkraftværket FLAMANVILLE med EDF som bygherre er byggeomkostningerne løbet helt ud af kontrol og det er sket til trods af, at EDF er det mest erfarne elskabs i verden til bygning af atomkraftværker. Atomkraftværket var beregnet til at måtte koste 20 milliarder kroner for det 1600 MW store værk, er byggeomkostningerne foreløbigt op i næsten 80 milliarder kroner. Den franske statskasse har været nødt til at sikre elskabet EDF og skudt midler i værket der endnu ikke er færdigbygget. Atomkraftværket skulle have været sat drift i 2015, nu taler man om måske i 2020. Dertil kommer mistet produktion som følge af 5 års forsinkelse. Værket ligger ud til Cherbourg ved den engelske kanal. På grund af de store udgifter til det nye atomkraftværk er man i Frankrig bekymret for, at det bliver nødvendigt for det statsejede elskabs EDF at hæve elpriserne til skade for det franske erhvervs livs konkurrence evne.

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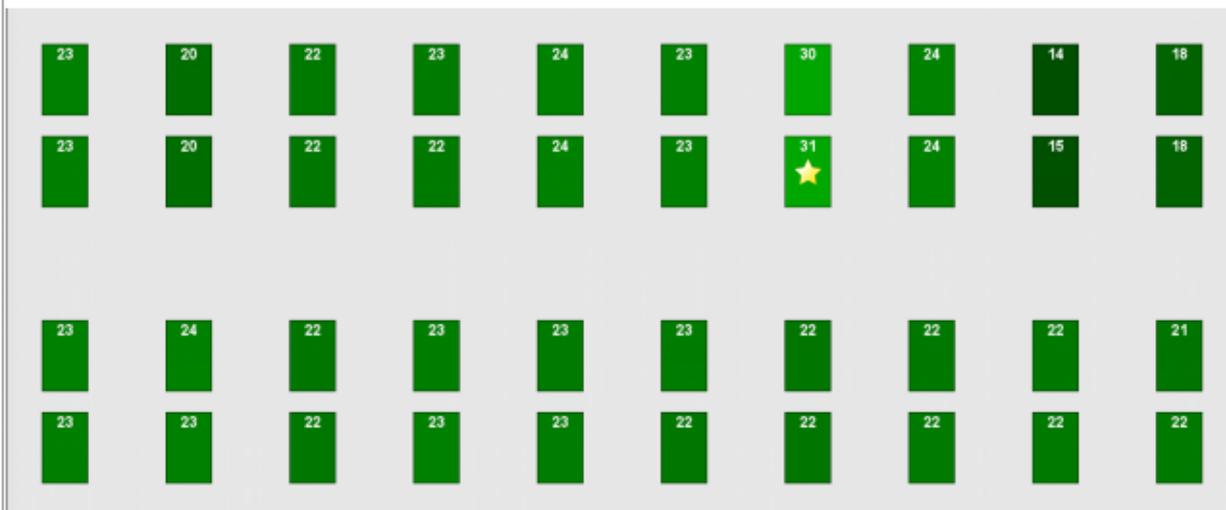
Hidtil har Frankrig haft nogle af de laveste elpriser i Europa, men den tid ser ud til at være forbi. I betragtning af, at der i Danmark er røster i Folketinget om fornyede planer om atomkraft, vil det være tilrådelig for dansk erhvervsliv og politikere at følge udviklingen i Frankrig, når det gælder at undgå at stå med en uoverskuelig gæld med teknologi der kører på pumperne.

Hvad der sker i Frankrig med hensyn til atomkraft svarer meget til hvad der sker i Finland ved den botniske bugt. Her er byggeomkostningerne for det avancerede TVO-atomkraftværk også løbet løbsk ligesom det er 7 år forsinket.

Det samme sker i England at det planlagte Hinley Point C atomkraftværk kun kan opføres med massiv tilskud fra den britiske regering. Også i England vil bygherren være det erfarende EDF når det gælder atomkraftbyggeri.

PV System at Folkecenter

Energy production by module (kWh)



Best Producing Module

Nordisk Folkecenter

Month to date energy	895,67	kWh (DC)
Year to date energy	6,552	kWh (DC)
Lifetime energy	47,077	kWh (DC)

Environmental Impact

Lifetime production of CO2-free energy is equivalent to:

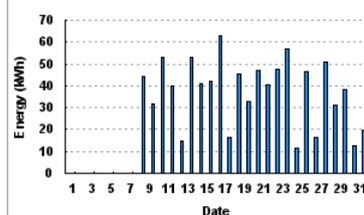


Planting 806 trees



Taking 187 cars off the road

August Daily Energy Production



Meet the Trainees

Anita Straume

Anita Straume (22, Latvia) has been a trainee at Folkecenter between the 14th and the 27th of August, where she came to get more knowledge about renewable energy sources. Although her education is more business oriented (Environmental management programme, from the Business Accademy in Aarhus), she wanted to get some more technical knowledge on renewables in general, and on biogas in particular. During her period here, she focused her researches on biogas, biomass and waste water treatment. Additionally, she had the chance to participate to the INFORSE Europe seminar, organized for the 25th anniversary of the association. She was very satisfied of her period here and she also learned a lot on how renewable energy associations work and cooperate together.

When talking about the atmosphere she encountered, she defines it as “really really really nice” and she is sorry she could stay here only such a small time. “It is not like a regular workplace...”, she says, “...it’s more like being at home”.

She really recommends people to come to Folkecenter, especially if they want to do their own research or if they want to create something. “You will be surrounded by specialists with a lot of background in the renewable energy field.”



Mikel González Pérez

Mikel González Pérez (21, Spain) is studying Renewable Energy Engineering at the University of the Basque Country and came to Folkecenter between the 2nd of July and the 24th of August. He first found out about Folkecenter when Leire Gorroño, our Community Power expert, gave a presentation about the center at his University. After that, he got interested and searched for more information online.

During his stay at Folkecenter he focused his attention on tiny houses and on the Danish district heating system, but he also helped another trainee, by teaching him the basis of electricity and PV systems.

Besides the large knowledge he got in district heating systems, he learned also a lot about relationships with other people. This experience changed him and he is sure that his point of view when approaching problems in the future will be affected.

Mikel found the atmosphere really nice, both from the professional and the personal point of view. The big flexibility and the kindness of the people were the things that impressed him most of the center. “My time here has been amazing”, he concludes.



Natalia C. Echezarreta

Natalia Cardanha Echezarreta (20, Spain) also visited Folkecenter in the same period as Mikel: knowing each others already, they decided to spend their summer to learn more about renewables.

Her main interests are wind and solar but, despite that, she decided to focus her internship on other topics as well: tiny houses, hydrogen, fuel cells and hybrid pannels were her main focus during her period here.

Out of this experience she feels that she has learned a lot in the energy field, but also that she developed herself from the personal point of view: she learned how to live with people and how to see things from a different point of view.

Natalia liked a lot the atmosphere and the way of working at Folkecenter, because it is possible to organize yourself and because you can focus on what you are really interested to.

“I think I have new friends” she says, when referring to the people she met. “I would for sure recommend an internship at Folkecenter to all those that are interested in renewable energies” she concludes.



Adlar Carson Gross

Adlar Carson Gross (28, Canada) visited Folkecenter twice in few months: first he came for approximately one week in January, and then for a longer period during summer (6 July - 30 August). In between these periods, he has been an exchange student at the Aalborg University, where he was enrolled in the Sustainable Management and Urban Planning.

During his first week he focused his attention on renewable energies more on a general level, while in the second part of his internship he made a research on the Danish district heating model and how to adapt the lessons learned to develop a working business model for Canada.

During his period at Folkecenter, he learned how to use energy modelling softwares for evaluating the feasibility of a biomass district heating plant and he also conducted site visits to energy offices and district heating installations. According to him, this experience will help him in developing his career in Canada, where he will be able to do feasibility studies and develop business models for spreading district heating solutions in the country.

When talking about the atmosphere, Adlar defines it as “very friendly, with very smart and inspiring people around”. The aspect he liked most was to work together with so many people coming from different countries. “I will miss the opportunity to really focus down on one thing without distractions”, he refers, when talking about the working environment at Folkecenter.

His evaluation on Folkecenter is very positive (“It’s a great place!”), where you can discover many things you didn’t even know they were existing.

Adlar is currently enrolled in a Master in Environmental Science from the York University, with which Folkecenter has a close collaboration.



Upcoming Events

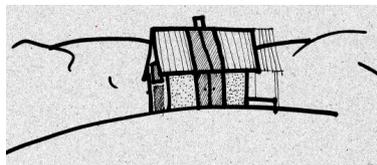
“Best Practices –Way Forward”

The seminar will present the results of a 4-year project about renewable energy and climate change mitigation in Uganda. More information can be found [here](#).

16 September 2017

“Build your own Tiny House”

Join this workshop to learn more about tiny houses and how to build your own. More information can be found [here](#).



30 September 2017

Check your PV Installation

The workshop will focus on how to maintain properly your PV installation, so that it performs at its best. More information will be available [here](#).

28 October 2017

COP23–Bonn(D)

As mentioned in previous newsletters, Folkecenter will take participate in COP23, which will take place in Bonn (D) between the 6 and 17 November. Different side events will be organized, in collaboration with other organizations coming from different parts of the world. More news (titles and dates) will follow.

6 - 17 November 2017

Everything is Energy and all things are Connected

Folkecenter organizes a 5-days seminar with the title: "Everything is Energy and all things are Connected", which is going to guide the attendees on the ways towards a peaceful and prosperous future. The seminar will start on the 19th of November and will be held in English. There will be also some excursions involved, which will be both in Danish and in English.

The seminar focuses on four main topics: (1) **Cultural, Social and Economical renewal**. Economic growth for the sake of growth is the ideology of a deadly cancer cell; (2) **Who are we? where are we going?** Human by Design; (3) **Applied Learning: equal opportunities for education and training for all**. How do we do this and finance this within a reasonable time?; (4) **Finding a balance between sustainable agriculture and organic, healthy foods** and combined with a healthy lifestyle is the main medicine needed for healthy people. True healing happens only through our natural self-healing and a healthy lifestyle.

The seminar will be directed by Volker Thomsen, Ret. President of the St. Lawrence College, international Entrepreneur, Leader in Learning within Sustainable Development, author, film-maker and visionary.

The price for the seminar, including board and accomodation in a double room is 300 Euro per person. The seminar will also consist of four excursions, the price of which will vary between 50 and 75 Euro. More information will be available soon on our events webpage: www.folkecenterevents.net.

19 - 24 November 2017