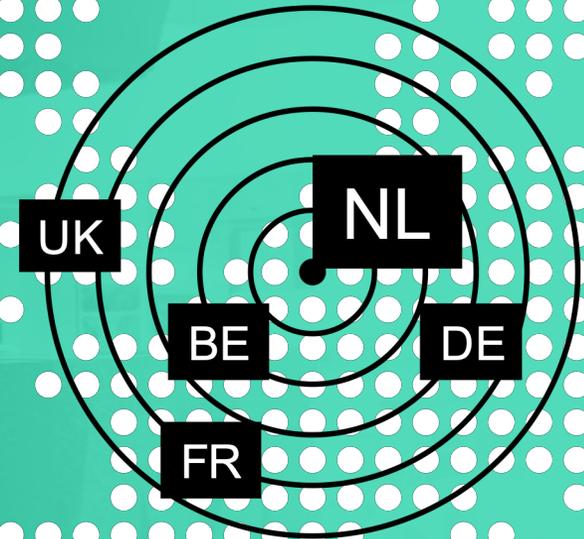


WELCOME!
Directors' Community
March 17, 2022

Brightlands Chemelot Campus
Breeding ground for science and innovation
in materials, chemistry and biomedical solutions



CAMPUS ENERGY PROJECT

The energy transition

Structural reason: Enhancing the sustainability of our energy consumption

- European Green Deal: Climate-neutral production by 2050
- The Dutch Climate Act: Cutting CO₂ emissions in half by 2030

Collectively keeping energy costs manageable for all tenants

Urgent reason: keeping energy costs manageable for all tenants

- Increasing gas & electricity prices since last summer: the first alarming discussions with tenants
- Driven by the geopolitical situation and insecurity in relation to 'NordStream'
- Supplying the campus with energy through USG and spot markets
- Retroactive charges and anticipated increase in advance payments for all tenants appear to be structural
- From a threefold rise in 2021 to a fourfold or even fivefold rise in energy costs in 2022

Campus Energy Project

- Acceleration, calculation and recalculation of the Campus Sustainable Energy Plan & Schedule

Brightlands

Knowledge crossing borders

STATUS QUO

Current Plan & Schedule appeared to be inadequate to compensate for the rising costs

Actions

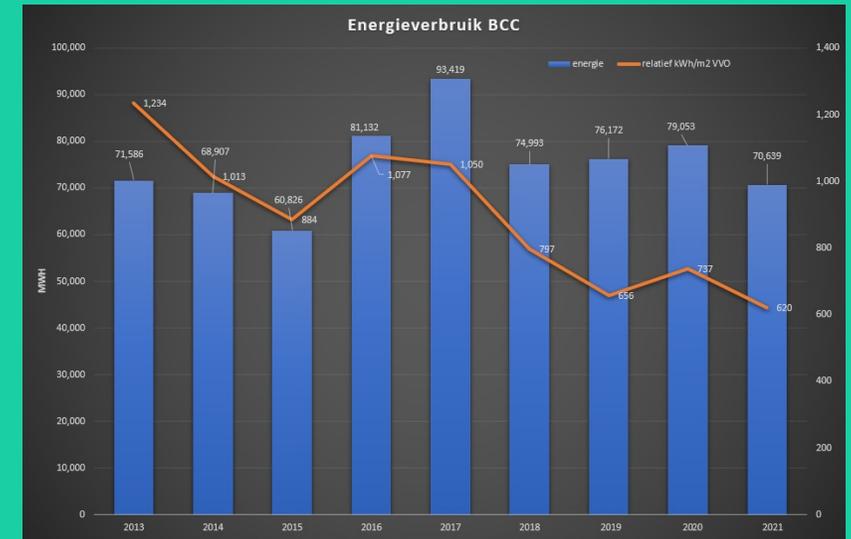
- Old buildings were torn down and replaced by more sustainable new buildings

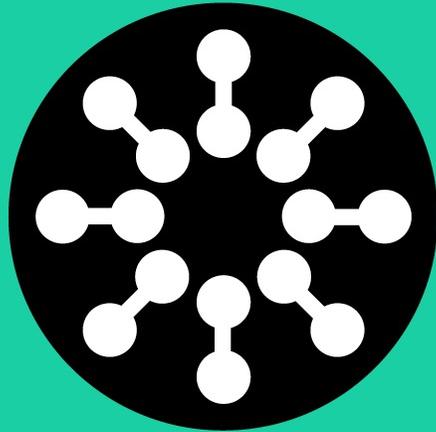
The result

- Energy consumption per m² reduced by 50% over the past 10 years
- All electric energy is green

How can we help tenants?

By collectively saving energy at an accelerated pace (quick wins), launching projects that are in the pipeline sooner, and tackling this transition in a way that is visible for everyone.





RE/
SHAPING
TOMORROW'S
ENERGY

THREE STRATEGIES FOR TACKLING THE ENERGY TRANSITION TOGETHER

NEXT WEEKS

1



**ADJUSTING
OUR PRESENT ENERGY
CONSUMPTION PATTERN**

END 2022

2



**ANALYSING & OPTIMISING
OUR CURRENT UTILITIES
SETTINGS**

MID - END 2023 >

3



**ACCELERATING
INVESTMENTS IN THE
ENERGY TRANSITION**

1

ADJUSTING OUR PRESENT ENERGY CONSUMPTION PATTERN*



Joining forces today to save energy tomorrow



ACTIONS

- Switching off all the lights in the Center Court, the Bighouses and common areas after 7:00 PM
- Adjusting the temperature settings: 2 degrees lower in winter and 2 degrees higher in summer

Do you feel the urge to contribute?

RESULTS

- 10% savings on our energy bills
- Reducing our energy consumption together

Brightlands

Knowledge crossing borders

* It goes without saying that the above does not apply to research facilities where maintaining temperatures at a specific level is of crucial importance.

ANALYSING & OPTIMISING OUR CURRENT UTILITIES SETTINGS



*In six months: working to
save energy together*

ACTIONS

- Optimising ventilation in labs, fume cupboards, etc (the first results are promising)
- Adjusting other settings, such as gas, water and light

Do you feel the urge to contribute?

RESULTS

- Anticipated savings of 10 - 20%
- Optimising the current situation, per building
- Reducing our energy consumption together

ACCELERATING INVESTMENTS IN THE ENERGY TRANSITION



*In two years: electrification
and energy efficiency improving
investment projects*



ACTIONS

- Installing heat pumps
- Affixing foil to windows
- Installing solar panels on parking facilities

Do you feel the urge to contribute?

RESULTS

- Alternatives for fossil fuels
- Major reduction foreseen, to be quantified per investment
- Reducing our energy consumption together and/or
- Shifting to fully sustainable energy

Brightlands

Knowledge crossing borders

TOGETHER WE CAN REACH OUR GOALS FASTER

Communication

- Involvement of all of your employees is key. We're happy to help you with this!
You will receive a toolkit in your mailbox later today, containing: a letter drawing attention to this campaign for your employees, this presentation and narrowcasting slides for projection on the screens in your building.
- A general communication campaign for the community will be launched later today: through a Newsflash and on the narrowcasting screens, also for the executives who were unable to attend this meeting.
- Communication at building or company level will take place with the parties concerned by the property manager of your building.
- Work carried out on campus for Strategy 2 and 3 will be announced in the Campus Newsletter.



LET'S WALK THE TALK TOGETHER!

We understand how difficult this situation is for business owners and we sense the urgency.

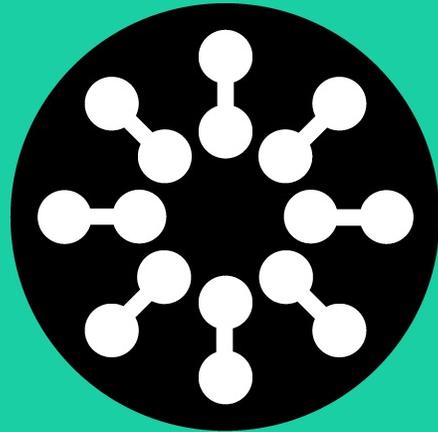
However, we can only bring this Energy Project to a successful conclusion through **collaboration** and **cooperation!**

As a campus, we cannot achieve everything at once. This energy project will be given priority and other programmes may be postponed. We ask for your and your employees' understanding for this

We will work on this action plan as a community: TOGETHER. You are invited to share your ideas & feedback during our online session on March 25, 16.30h-17.00h. Link will be shared within the communication later today.

You can count on us; can we count on you?





**RE/
SHAPING**
TOMORROW'S
ENERGY
