

# GRØN DYST 2017

## Grøn Dyst (Green Challenge) Calendar 2017

Academic year 2016/2017      Projects are made

April 18, 2017

“Green Week” at DTU with lunch talks

May 17, 2017

Registration closes

June 23, 2017

The Green Challenge Study Conference



# Who can participate?

- All BEng, BSc, and MSc students
- Anyone with a project that contains elements of “green technology”, that has been formulated and completed in the period from last Green Challenge, and is:
  - ▶ a project that has been completed during an existing course
  - ▶ a project that has been completed during a special course
  - ▶ a bachelor project
  - ▶ a thesis

Grøn Dyst is aimed at all study programs, but there are rooms for 150 projects!!!



# Web site

<http://www.groendyst.dtu.dk/>

The screenshot shows a web browser window displaying the Groendyst website. The browser's address bar shows the URL [www.groendyst.dtu.dk](http://www.groendyst.dtu.dk). The website has a red header with the text "Danmarks Tekniske Universitet" on the left and navigation links for "Genveje", "Kontakt", and "English" on the right. A search bar is also present in the header. Below the header, the "GRØN DYST™" logo is prominently displayed on the left, and the DTU logo is on the right. A horizontal menu contains five items: "FOR STUDERENDE", "FOR VIRKSOMHEDER", "TIDLIGERE GRØN DYST", "BILLEDER", and "OM GRØN DYST". The main content area features three large promotional tiles. The first tile, titled "HVAD ER GRØN DYST?", includes a photo of a group of people and a link to "Læs med her". The second tile, titled "DELTAG I GRØN DYST FREDAG D. 23. JUNI", includes a photo of people at a booth and a link to "Sådan skriver du dit abstract". The third tile, titled "DEADLINE FOR TILMELDING ONSDAG D. 17. MAJ", includes a green leaf graphic and a link to "Tilmeld dig her!". At the bottom of the page, there is a navigation bar with three sections: "SE FILM OG BILLEDER OM GRØN..." with a "1 / 3" indicator and navigation arrows, "En fest fuld af ideer" with a photo of a group of people, and "Vi skulle tænke anderledes" with a photo of a person. A "Cookies" notification is visible in the bottom left corner.

# What does green mean?

## Green means

- Less negative environmental impacts
- Possibly even positive impacts on the environment  
... compared to the alternative that it would substitute

# A systems perspective on products

To decide whether a product is greener we must also consider all activities that are needed for this product to be

- produced
- distributed
- used and maintained
- treated at its end of use

The whole life cycle of the product ... from the cradle to the grave

# Things to be taken care of

In your project:

- Assess the environmental implications of your idea or concept
- Demonstrate that it is an improvement compared to what it replaces
- Consider a life cycle perspective on your idea or concept



The ESE Section will create a special course “Green IoT” (5 ECTS) to accommodate projects for the GRØN DYST competition.

Project carried out in this framework will be labeled as “IoT Center” in the competition.

Teachers of ESE courses can “*advise*” on projects related with their courses.

Instructions on how to sign up will be announced later.

Contact your teacher, in the meanwhile.