

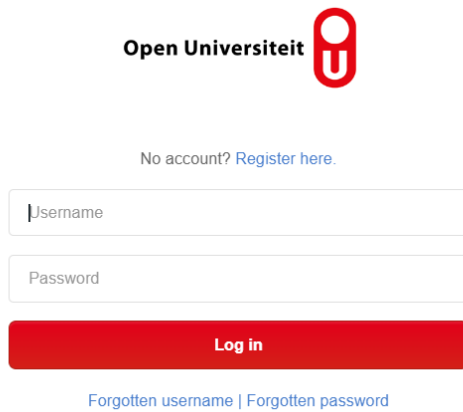
**INSTRUCTION**  
**TO REGISTER FOR THE COURSE**

**NC0610 Introduction to 5th generation district heating  
and cooling (5GDHC)**

**22 August, 2022**

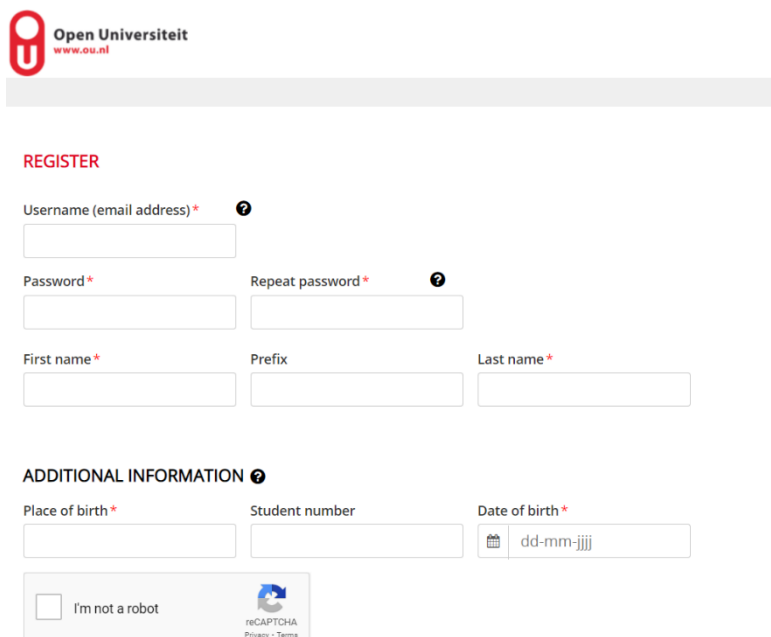
This is an instruction on how to register for the course 'NC0610 Introduction to 5th generation district heating and cooling (5GDHC)'. The course is placed at Open Universiteit (OU) online platform called YouLearn. Unfortunately, the platform and registration to the course is in Dutch language. However, you can use Google translate that is built in Chrome browser or just follow this instruction.

1. Go to the link: <https://www.ou.nl/en/opleiding?sku=NC0610>
2. Click the red button 'Subscribe'
3. You will be redirected to the login/registration window (see the screenshot below). If you do not have OU account, please click 'Register here'.



The screenshot shows the Open Universiteit login page. At the top is the logo with the text "Open Universiteit" and a red stylized 'U' icon. Below the logo is the text "No account? [Register here.](#)". There are two input fields: "Username" and "Password". Below these is a prominent red button labeled "Log in". At the bottom, there are two links: "Forgotten username" and "Forgotten password".

4. You will be directed to the Registration page. Please fill in your personal information (see the screenshot below).



The screenshot shows the Open Universiteit registration page. At the top left is the logo with the text "Open Universiteit" and "www.ou.nl". Below the logo is a grey horizontal bar. The main heading is "REGISTER". The form contains several fields: "Username (email address)\*" with a help icon, "Password\*" and "Repeat password\*" with help icons, "First name\*", "Prefix", and "Last name\*", "Place of birth\*", "Student number", and "Date of birth\*" with a calendar icon and the format "dd-mm-jjjj". At the bottom, there is a checkbox for "I'm not a robot" and a reCAPTCHA logo with links for "Privacy" and "Terms".

No need to fill in Student number

Please, do not forget to tick the box 'I am not robot'

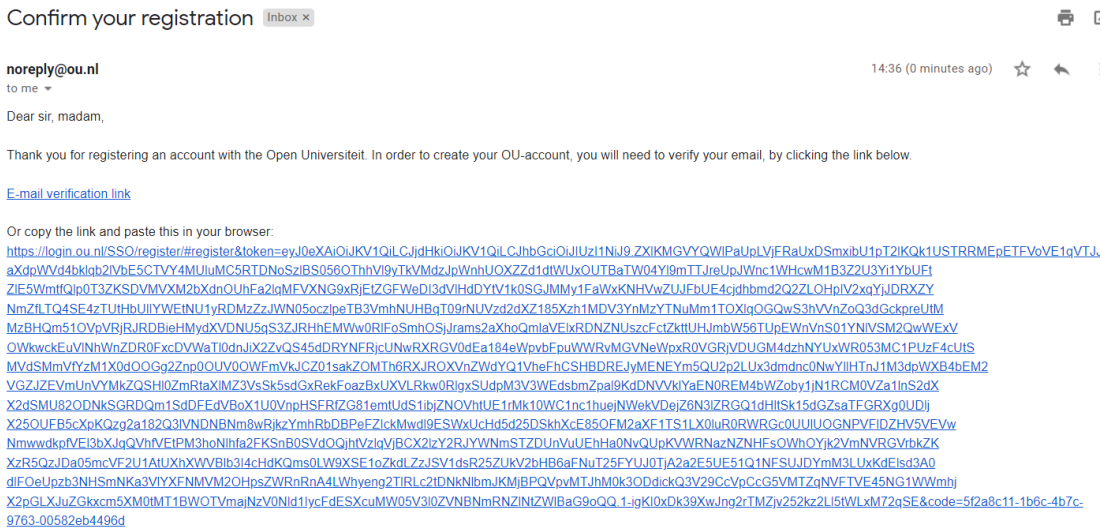
Click 'Register'.

5. You will see the message as in the screenshot below:



Within a few moments, you will receive an email with a link to validate the specified email address.

6. Please, go to your email and confirm the registration by clicking [the email verification link](#) (see the screenshot below).



7. You will be transferred to OU page again.

Now you can login using your login and password

8. As soon as you log in again you will get the course page (see the screenshot below). Please use your built in Google translate program. Click the red button Kiezen (choose)

Terug
Kiezen

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NC0610

Natuurwetenschappen | 0.2 EC | Voor dit product gelden ingangseisen

**Introduction to 5th generation district heating and cooling (5GDHC)**

Code NC0610

Inschrijfvorm Contractstudent

ALGEMEEN

AANMELDEN

MEER INFO

**INTRODUCTIE**

The EU Heating and Cooling Strategy aims to reduce the thermal energy demand as well as increase the share of renewable energy in the energy mix. However, the process of replacing fossil fuels with renewable energy sources in the heating and cooling sector has been slower than in electricity generation, as renewables currently provide only 23% of that consumption (Eurostat 2020). In that regard, 5th generation of district heating and cooling (5GDHC) comes forward as a promising solution. Low-temperature, and demand-driven, these networks fit very well with energy efficient homes and reduce overall energy consumption by capitalizing on energy exchange between prosumers.

Are you interested to learn more about 5<sup>th</sup> generation district heating and cooling (5GDHC)? The [D2Grids project](#) is providing such opportunity. Open Universiteit, together with other D2Grids partners (BRGM, VITO, Greenflex, Mijnwater, ASPER), has developed a course on 5GDHC.

**INHOUD**

*Content*

9. You will get red line as in the screenshot below. Please click 'Aanmelden'.

Studiemand
NC0610 - Introduction to 5th generation district heating and cooling (5GDHC)
Eerstvolgend startmoment 
Aanmelden

10. You need to register to the course. Please fill in the form with your personal information. Then please click the red button 'Verder'.

## Aanmelden

Persoonlijke gegevens 1
Bevestiging 2

**PERSOONLIJKE GEGEVENS** ▼

Geboortenaam\* Name

Voorvoegsel geboortenaam

Voornamen\* Surname

Roepnaam

Geboortedatum\* Date of birth

Geboorteplaats\* Place of birth

Geboorteland\* Country of birth

Maak een keuze

Geslacht\* Gender

Maak een keuze

**ADRESGEGEVENS** ▼

Straatnaam\* **Street name**  Huisnummer\* **House number**  Huisletter

Huisnummer toevoeging

Extra adresregel

Postcode **Postcode**  Plaatsnaam\* **Place**

Land\* **Country**

**VERDER**

**BEREIKBAARHEID** ▼

E-mailadres **E-mail address**

Telefoonnummer

Zakelijk telefoonnummer

**VERDER**

Please do not forget to tick the boxes for the items:

- I agree with registration conditions
- I have filled in all the data correct and truthfully

- Ik ga akkoord met de [inschrijvingsvoorwaarden](#).
- Ik heb alle gegevens naar waarheid ingevuld.

TERUG

**AANMELDING AFRONDEN**

As soon as you finish, please click the red button 'Aanmelding afronden' (complete registration).

11. You will be directed to the confirmation page (see the screenshot below). Please click 'NAAR MIJNOU'.

Beste mevrouw [REDACTED]

Hartelijk dank voor uw aanmelding voor **Introduction to 5th generation district heating and cooling (SGDHC)**.

Kijk voor verdere berichtgeving in de [berichten](#) in mijnOU.

Binnen enkele ogenblikken kunt u de cursus volgen in onze online leeromgeving genaamd yOULearn.

Deze kunt u benaderen via de startpagina van MijnOU.

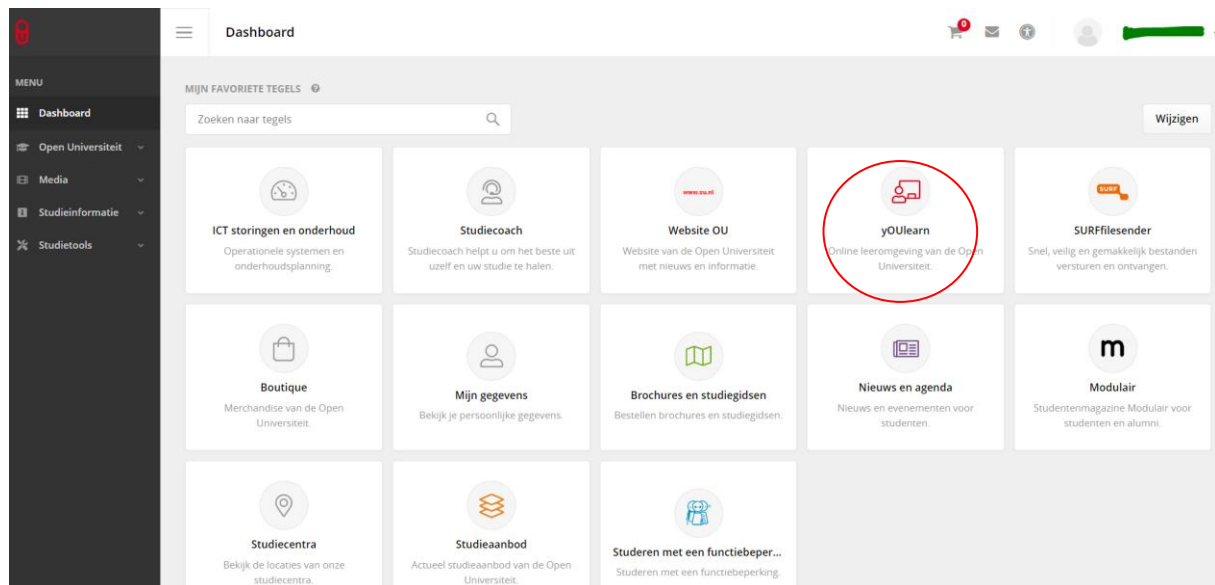
Vriendelijke groet,

Team yOURAcademy

Open Universiteit

**NAAR MIJNOU**

12. At MijnOU page, please click at yOULearn icon.




13. You will get a list of courses you are registered on. Please click on the icon NC0610 Introduction to 5th generation district heating and cooling (5GDHC).

Alle tabs +

**NIEUW**

NC0610 - Introduction to 5th generation district heating and cooling (5GDHC)




CURSUS  
NC0610192014NB

1

**NIEUW**


Studiecoach



ALGEMEEN  
COACH1192014BKO

**NIEUW**

Virtuele klas handleiding

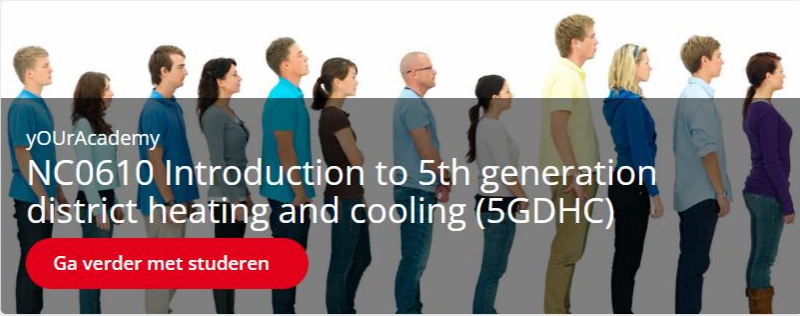


ALGEMEEN

14. At the course page please click the red button 'Ga verder met studeren'.

 NC0610 - Introduction to 5th generation district heating and cooling (5GDHC) ▾

Dashboard Informatie ▾ Cursus ▾ Bronnen ▾ Communicatie ▾ Deelnemers ▾




yOurAcademy

## NC0610 Introduction to 5th generation district heating and cooling (5GDHC)


Ga verder met studeren


You will get the course outline.

 NC0610 - Introduction to 5th generation district heating and cooling (5GDHC) ▾

Dashboard Informatie ▾ **Cursus** ▾ Bronnen ▾ Communicatie ▾ Deelnemers ▾


**Cursusstructuur**

**Introduction to the course** 

- > 1. Why 5GDHC? ⋮
- > 2. How does 5GDHC work? ⋮
- > 3. Principles of 5GDHC ⋮
- > 4. Difference of 5GDHC from ... ⋮
- > 5. Key Performance Indicator... ⋮
- 6. Advantages and disadvantage... 

STANDAARD

### Introduction to the course



Are you interested to learn more about 5<sup>th</sup> generation district heating and cooling (5GDHC)? The [D2Grids project](#) is providing such opportunity. Open Universiteit, together with other D2Grids partners (BRGM, VITO, Greenflex, Mijwater, ASPER), has developed a course on 5GDHC.

**Course Aim**

15. You can start from the Introduction to the course. When you finish reading the section, you can click blue button Afronden (Complete). The program will register that you finished that section.



**Cursusstructuur**

- Introduction to the course
- 1. Why 5GDHC?
  - Energy consumption in ho...
- 2. How does 5GDHC work?
- 3. Principles of 5GDHC
- 4. Difference of 5GDHC from ...

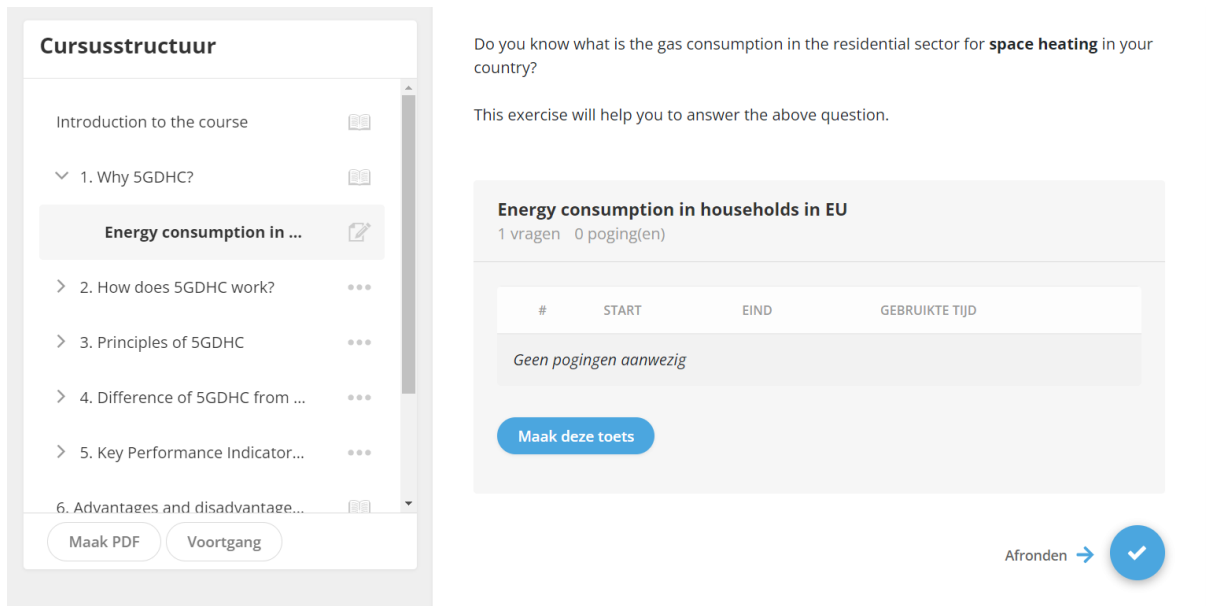
PDF The Mijwater 5GDHC Grid in Heerlen

Bochum pilot site

Afronden → ✓

< Vorige Volgende >

16. Some sections include self-test. You can start the test by clicking the button 'Maak deze toets'.



**Cursusstructuur**

- Introduction to the course
- 1. Why 5GDHC?
  - Energy consumption in ...
- 2. How does 5GDHC work?
- 3. Principles of 5GDHC
- 4. Difference of 5GDHC from ...
- 5. Key Performance Indicator...
- 6. Advantages and disadvantages...

Maak PDF Voortgang

Do you know what is the gas consumption in the residential sector for **space heating** in your country?

This exercise will help you to answer the above question.

**Energy consumption in households in EU**  
1 vragen 0 poging(en)

#	START	EIND	GEBRUIKTE TIJD
Geen pogingen aanwezig			

Maak deze toets

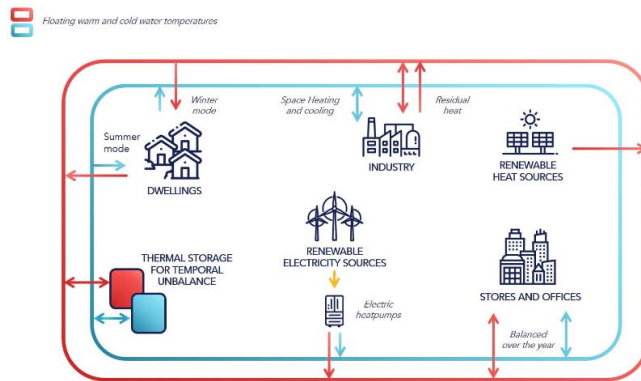
Afronden → ✓

17. Some assignments needs to be submitted (see the screenshot below).



**Cursusstructuur**

- > 1. Why 5GDHC? ...
- ∨ 2. How does 5GDHC work? ...
- Construction of a 5GDH...**
  
Telt niet mee in eindoord...
- > 3. Principles of 5GDHC ...
- > 4. Difference of 5GDHC from ... ...
- > 5. Key Performance Indicator... ...
- 6. Advantages and disadvantage... ...
- 7. Environmental aspects of 5GDHC ...




→ 

18. You can always leave your question or comment to us.

< [Vorige](#)

[Volgende](#) >



19. You can participate in Discussions. Click Communicatie -> Discussies

Dashboard | Informatie | Cursus | Bronnen | **Communicatie** | Deelnemers

**Discussies**

Sorteren op:  Filter op:


NIEUW **Anna Bronzes** | 12/07/2022 11:20

Is 5GDHC a different concept than 4GDHC, therefore indeed a new generation, or is 5GDHC just a (minor) extension of the 4GDHC concept and therefore not really a new generation of DHC?

ALGEMEEN 0 reactie(s) | [Ga naar discussie](#)