

Gender in the Nordic Energy Sector

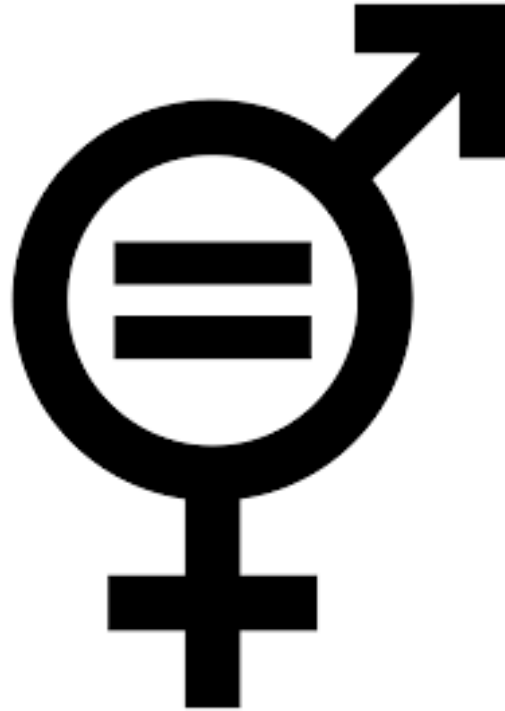
Nordic Energy Research seminar

21-22 November 2017

Birte Holst Jørgensen

PC SDC Sustainable Energy

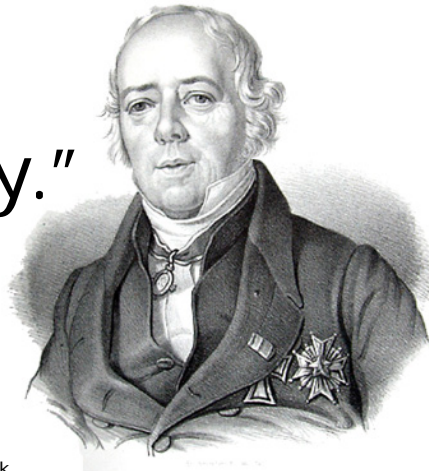
Structure as well as energy engenderment



Our mission

"DTU will develop and create value using the natural sciences and the technical sciences to benefit society."

H.C. Ørsted
Founder of DTU



Education

Innovation

Scientific
advice

Research

Education

- in figures 2016



11,031

 students

From
99
countries



28%
Women
in our BEng, BSc
and MSc programmes



Total enrolment

4,127 **BEng**
(Bachelor of Engineering)

3,070 **BSc Eng**
(Bachelor of Science)

3,834 **MSc Eng**
(Master of Science)

1,528 International*

* International students are defined as students with an entry-level degree from abroad

Staff



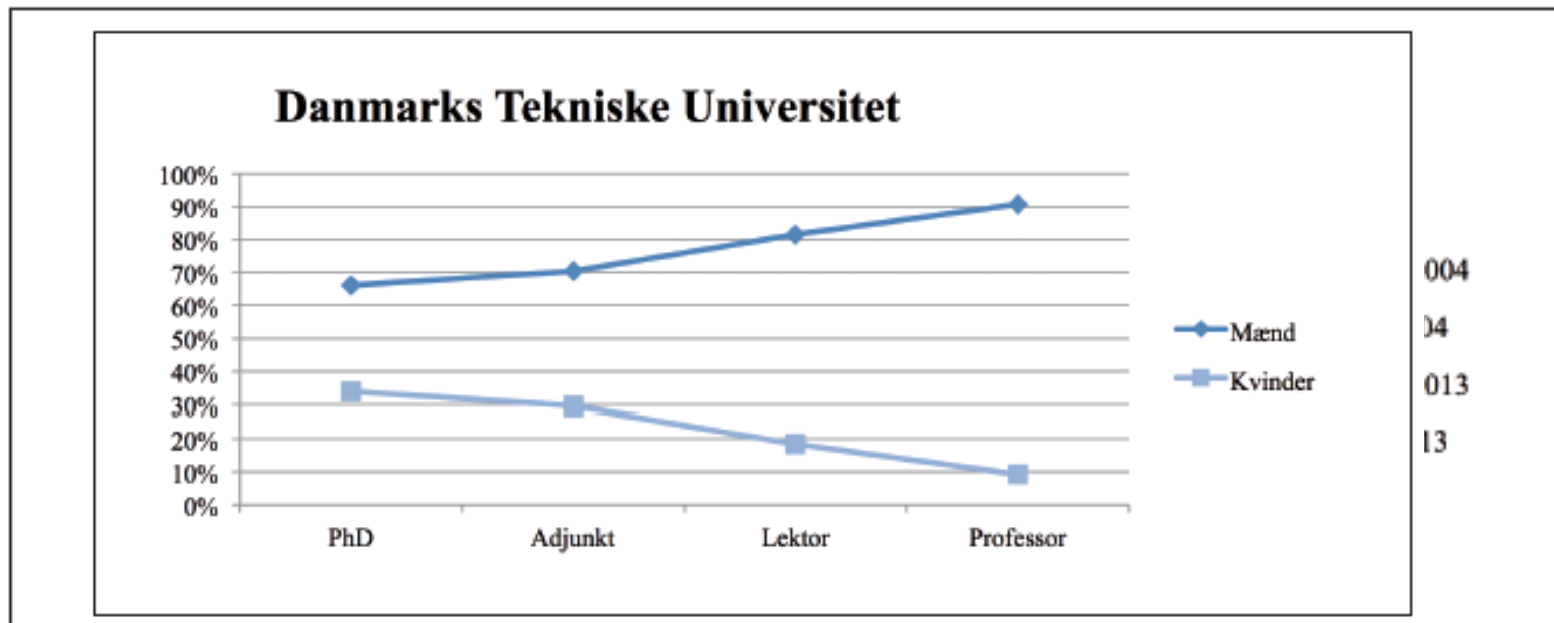
Human resources (FTEs)

5,895



* Employees only

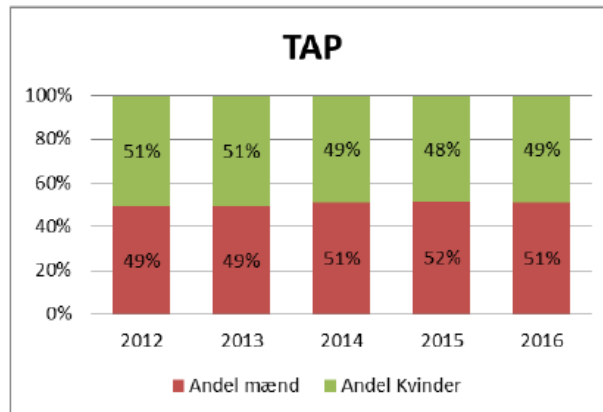
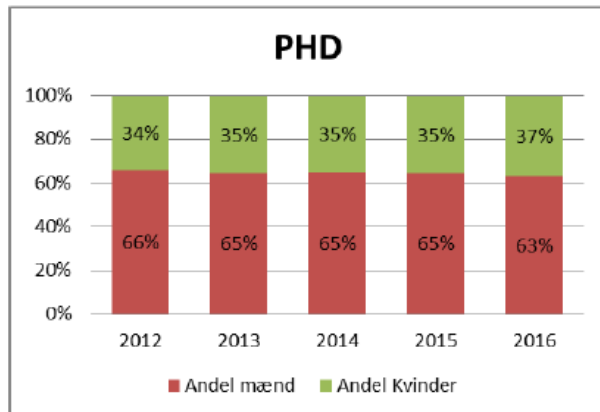
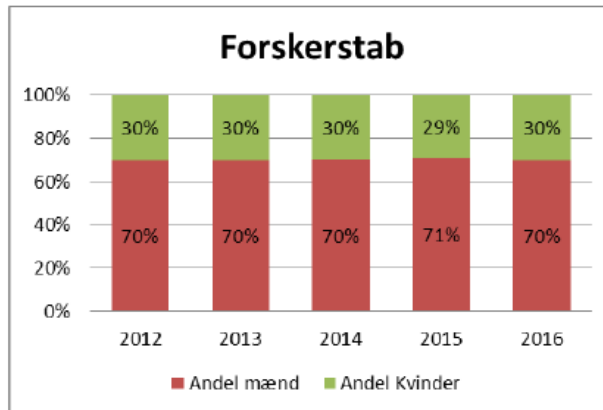
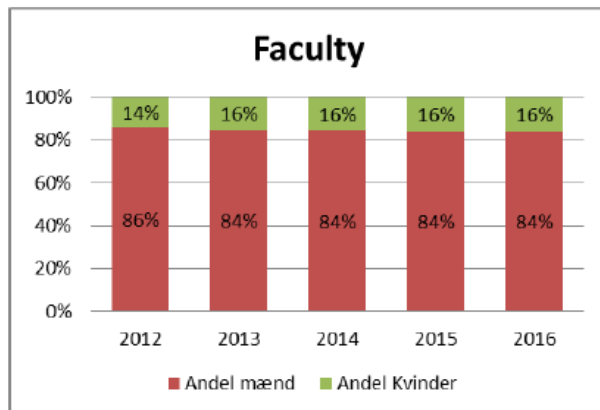
Career development in technical science in DK



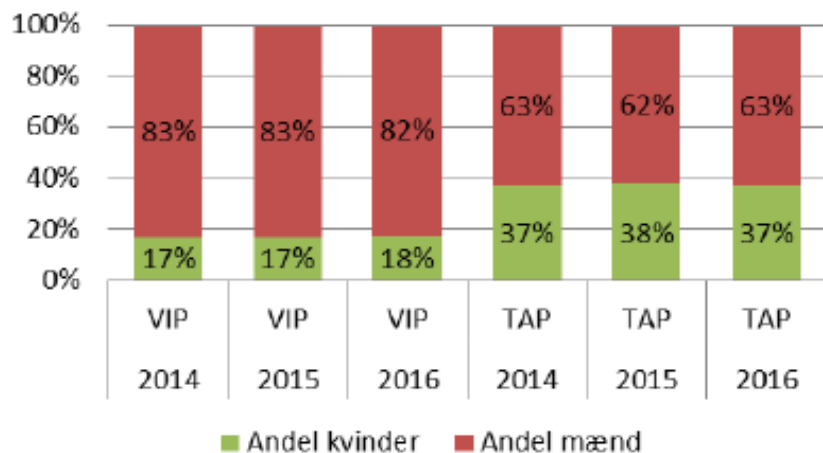
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Uddannelses og forskningsministeriet, Anbefalinger fra Taskforcen for Flere Kvinder i Forskning, 2015

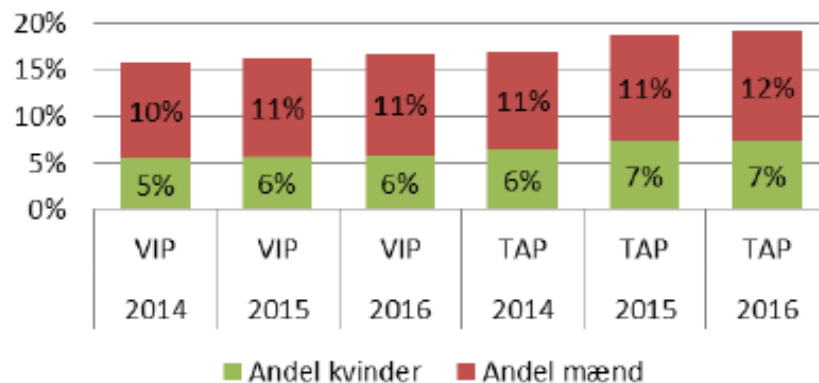
DTU in Numbers, 2012-2016



Fordeling af ledere

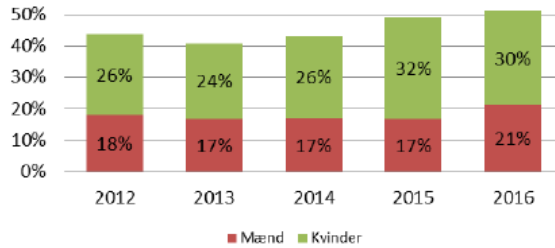


Fordeling af ledere ift. samlet antal medarbejdere

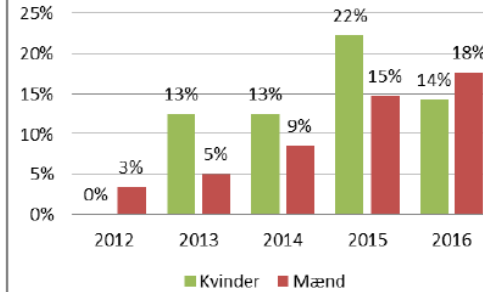


Fratrædelser

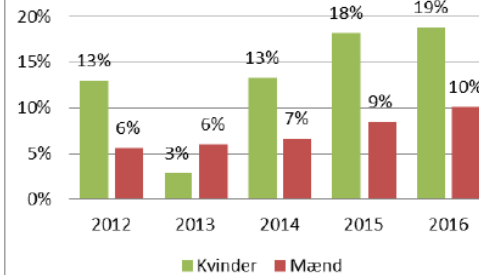
Professor, professor MSO, Lektor, Adjunkt, Post.Doc



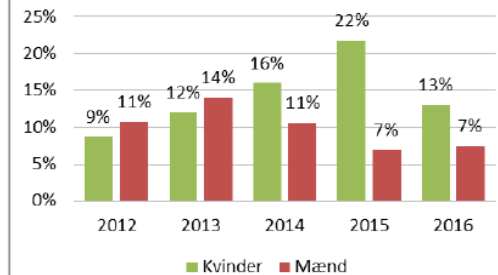
Professor MSO



Lektor



Adjunkt



"Der er behov for ligestilling blandt vores forskere, hvis vi skal tiltrække flere kvindelige studerende, så unge kvinder bedre kan spejle sig i en forskningskarriere. Derfor skal vi have flere kvindelige forskningsledere og professorer, som unge forskere kan se op til og ønske at arbejde sammen med." Anders Bjarklev, rektor for DTU.



The Boston Consulting Group (BCG) and UN Women Nordic Office brings together [15 Danish leaders](#) in The Gender Diversity Roundtable (GDR), an initiative to share experiences and best practices on how to advance gender diversity in Denmark.

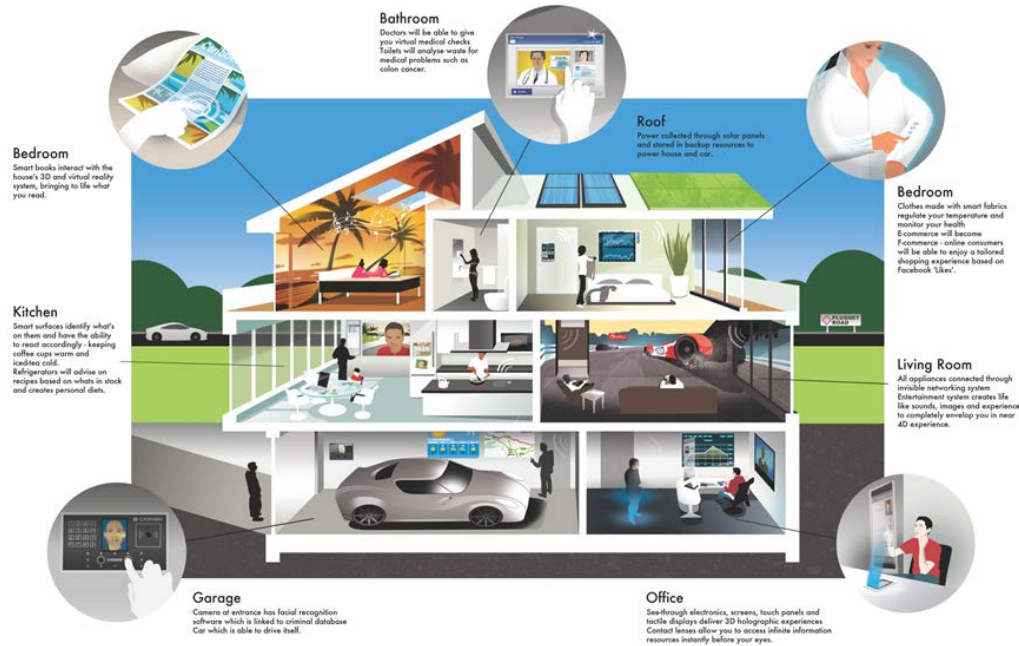
H2020 Advisory Group on Energy – gender aspects in energy research



Gender and cultural dimensions of consumption



Energy efficiency in buildings



- Both women and men have to be taken on board:
 - For re-thinking energy efficiency potential and smart home applications
 - For designing simple and reliable systems
 - For market deployment initiatives linked to gender differences and expectations in regard to energy

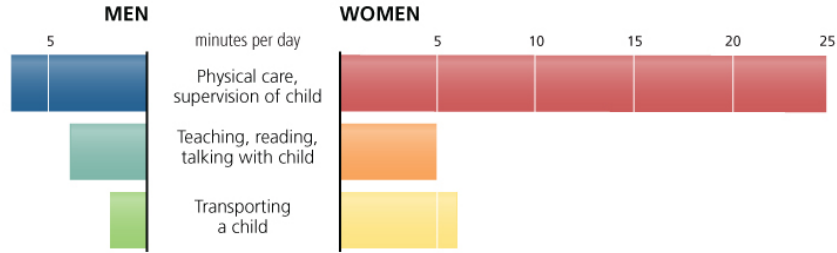
Smart, sustainable and liveable cities



Gender and transport

Average Time Spent Caring For Children

Spanish men and women, 2007*

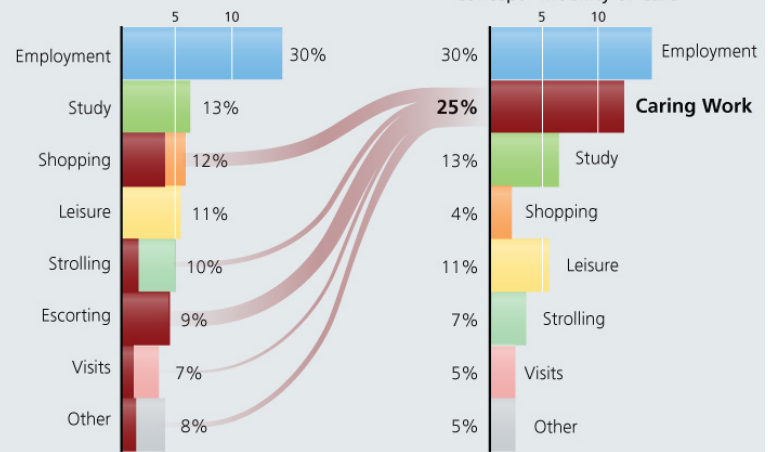


*Data includes individuals without children

Public Transportation Trips by Purpose

2006-2007, Spain

Data As Traditionally Collected



Care-related Trips

Care-related trips are concealed within several travel categories

When identified as a dedicated category, caring work accounts for a full quarter of all public transportation use

Sánchez de Madariaga 2009, 2010, 2013a, 2013b. Image by Erik Steiner.

<http://genderedinnovations.stanford.edu/case-studies/transportation.html#tabs-2>. Summary of Ines Sánchez de Madariaga's research (2009, 2010, 2013a, 2013)

Gender and perceptions of autonomous vehicles

	Positive	Conditionally positive	Uncertain	Conditionally negative	Negative	other
All %	19	18	43	7	3	10
Male %	28	19	35	4	2	13
Female %	11	17	51	9	3	8

Hulse, L.M. et al, Perceptions of autonomous vehicles: Relationships with road users, risk, gender and age, in Safety Science 102 (2018) 1-13

Thank you for your attention

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