



TEKTANKEN

... the bridge between schools and industry

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15 YEARS – THE FUTURE?

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NATURVIDEN
SKABERNES
HUS



**SMART
HANDS**



**SCHOOL-INDUSTRY
COLLABORATION
IN HIGH-SCHOOL**



**GIRLS'
DAY IN
SCIENCE**



**TEACHER
CPD**

Programs

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Åbn virksomheden

*At Large: Mark Clemons, Director;
 Joe Felt, Staff; William
 Mohr, Director;
 Mark Nipper, Director;
 Mark Lohr, Staff*

dannelse, og hvordan de bruger den i deres arbejde. Fx. den tvivlsfulde civilingeniør, som først år efter sin kandidateksamen og i sit første job er ansvarlig for opbygningen af Bio-Mars nye fabrik i Tyrkiet. Som en del



Skaf os nogle flere
kvindelige ingeniører

Af Erhvervspræsident i Jer-Net.dk,
landsdekkende netværk for skole-
virksomhedsundervisning:
Jørgen Mads Clausen, Dronning
Mads Nipper, Grønholt,
Per Falkholt, Næstved,
John Chubb, Svend
Allan Rasmussen, København, og
Mads Lebech, Aakværsdal

de senere skoleår vælger uddannelsesretning. Siden 2013 har gymnasieelever med matematik på B-niveau, kunnet blive fritaget for kvalet som mildtest af naturvidenskabeligt fag på B-niveau. Med kun C-niveau i et sådant fag fratrækker elever sig muligheden for at tage en naturvidenskabelig uddannelse som f.eks. ingeniør. Den kombination har for mange gymnasieelever valgt, så en lovændring er nødvendig.

INDUSTRY AMBASSADORS

TEKTANKEN ERHVERVSPRÆSIDIUM:

Jørgen Mads Clausen, Danfoss (formand)

Mads Nipper, Grundfos

Charlotte Mark, Microsoft

Claus Crone Fuglsang, Novozymes

Jakob Topsøe, Haldor Topsøe

Allan Rasmussen, Coloplast

Palle Damborg, Fremstillingsindustrien

Jacob Holbraad, Dansk Arbejdsgiverforening

PRINCIPLES



**DIALOG WITH STEM
ROLEMODELS**



**AUTHENTIC AND
HANDS-ON
WORKSHOPS**



**KNOWLEDGE ON
EDUCATION AND CAREER
OPPORTUNITIES**

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GIRLS' DAY IN SCIENCE

National campaign September 30th 2020

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WHY GIRLS' DAY IN SCIENCE?



**1 IN 3 STEM
STUDENTS ARE
FEMALE**



**LACK OF STEM-
COMPETENCES**



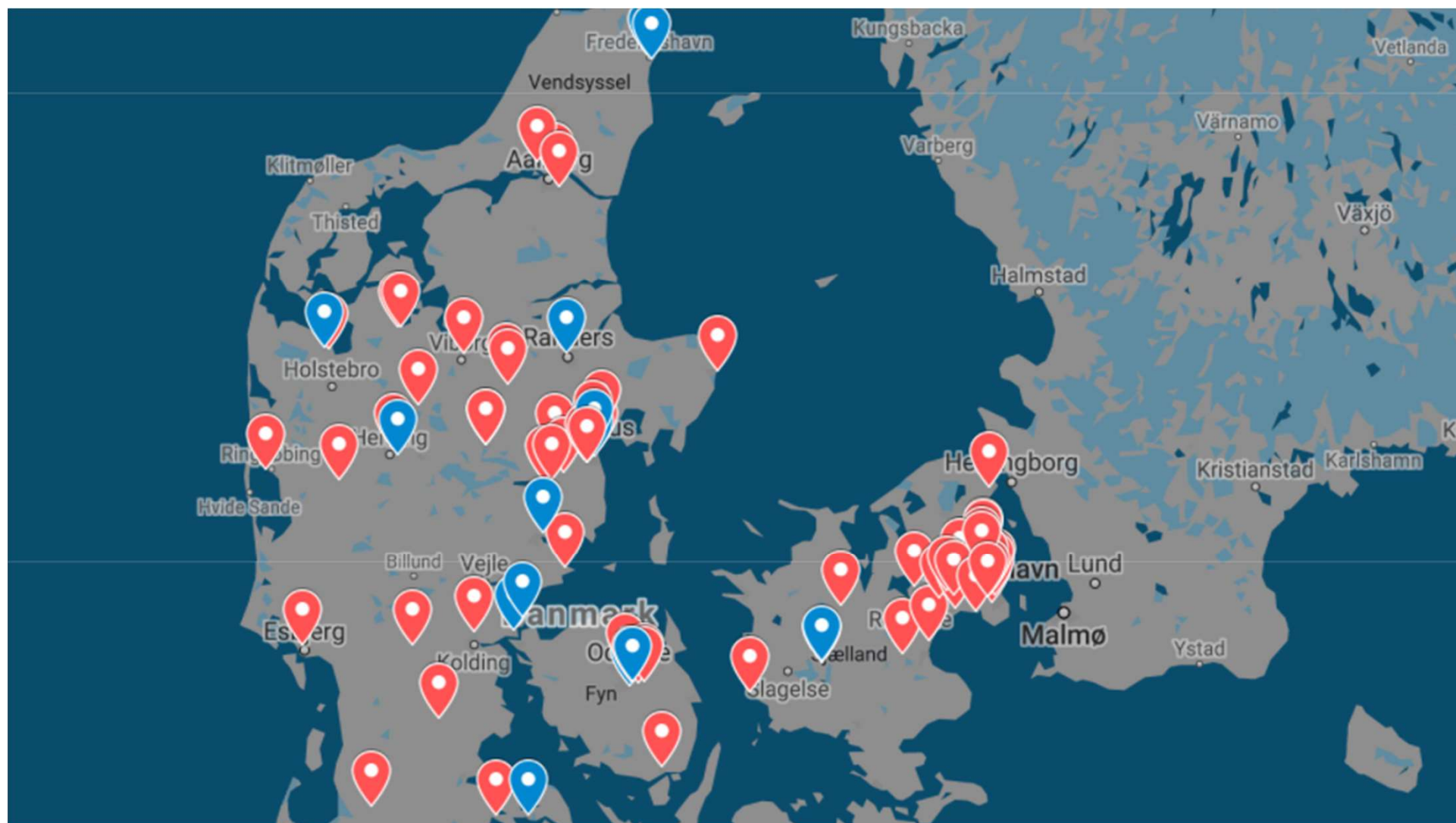
**MALE BIAS IN
MANAGEMENT AND
STEM R&D**

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Girls' Day in Science 2020 - facts

- Activities for 5200 girls
- 100 different organizers of Girls' Day events





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Google



MIR
MOBILE INDUSTRIAL ROBOTS

GRUNDFOS

HEMPEL



KØBENHAVNS
UNIVERSITET

Ørsted

HALDOR TOPSØE

ENERGINET

novozymes



netcompany



AARHUS UNIVERSITY

SDU

mace

Vestas

GEO
PARTNER
Landinspektører A/S

IT University
of Copenhagen



Microsoft

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What the girls say?

92% find STEM subjects more interesting when they see, how it is used in real life

75% were inspired by the STEM role models

83% gained new knowledge on STEM education and career opportunities

45% are more motivated for a STEM job in the future

What the teachers say?

73% have gained inspiration for their own teaching

76% have gained new knowledge on STEM education and career opportunities

65% have gained new STEM-knowledge

89% will recommend Girls' Day in Science to a colleague

ANDREA PARTICIPATED IN GIRLS' DAY IN SCIENCE AT NETCOMPANY



"It was extremely interesting and exciting to hear this women argue that many girls never consider going into science, IT and the technical professions, because norms and traditions say, that these are male dominated areas."

"We both saw ourselves as girls that were mostly interested in the social sciences and languages. But this day changed our self-image. The whole train-ride back we talked about how cool it had been to have our assumptions challenged. You can do other things, than you may think and expect to do."