



**1 + 1 + 1 + 0 = ?**

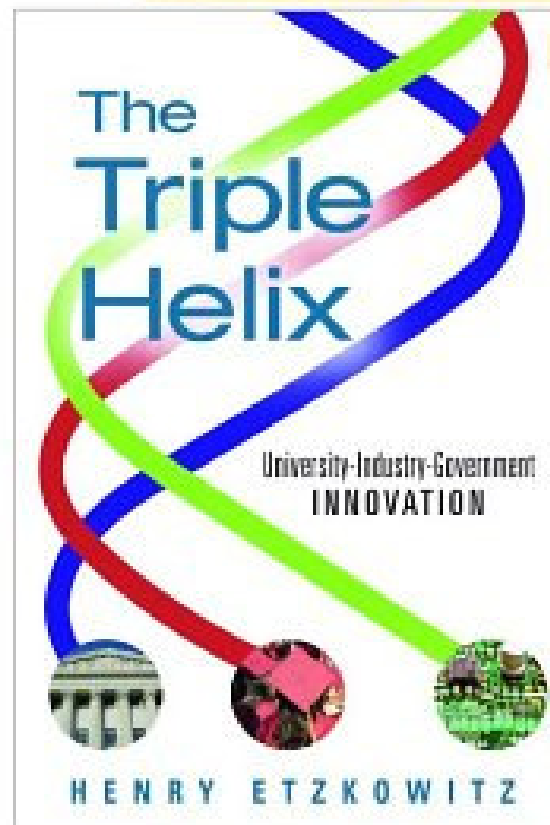
*Claus Hviid Christensen*  
*chc@lorc.dk*

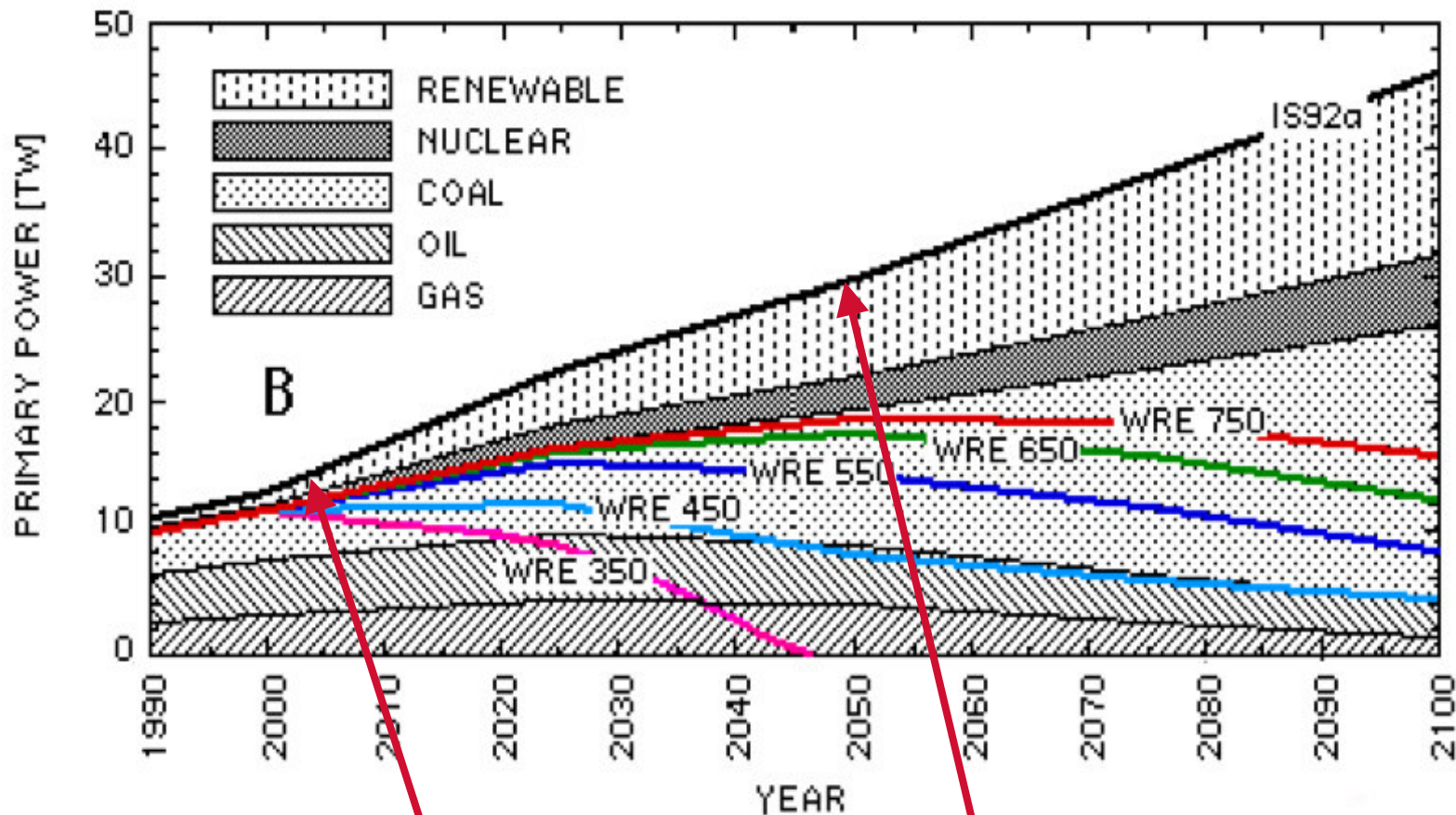


**1 + 1 + 1 + 0 = 1110 New Green Jobs**

*Claus Hviid Christensen*  
*chc@lorc.dk*

Click to **LOOK INSIDE!**





**2005: 14 TW 2050: 28 TW**



## Mission

*Create growth by harvesting offshore renewable energy  
at a constantly lower cost through innovations  
from research, development, technology demonstration,  
and knowledge sharing*



# The Math

---

**Unique Production Facilities**

**1**

---



# Lindoe Facilities





## The Math

**Unique Production Facilities**

1

**Outstanding Competencies**

+ 1







# Lindoe Competencies





## The Math

**Unique Production Facilities**

**1**

**Outstanding Competencies**

**+ 1**

**World-leading Knowledge, Innovation and Test Center +**

**1**

---



Ambition



***The leading knowledge, innovation,  
and test center for offshore renewable energy***



## The Math

**Unique Production Facilities**

1

**Outstanding Competencies**

+ 1

**World-leading Knowledge, Innovation and Test Center**

+ 1

**Self Sufficiency**

+ 0

---

---

*Collaboration with all interested parties  
based on a win-win strategy  
to explore every possible synergy  
in the Triple Helix Model*

---



## The Math

**Unique Production Facilities**

1

**Outstanding Competencies**

+ 1

**World-leading Knowledge, Innovation and Test Center**

+ 1

**Self Sufficiency**

+ 0

---

**New Green Jobs**

1110

## Plans for LORC Test Center

- Test Rig for 10/20 MW drive train
- Partial tests of selected critical components

**Simulate real conditions at sea and reproduce known failures**

**Accelerate tests**

**Predict life time and development targets**



**VATTENFALL**



***Vestas***

**Risø DTU**  
National Laboratory for Sustainable Energy

**Not just the largest – but also the smartest – test rig in the world!**



**1 + 1 + 1 + 0 = 1110 New Green Jobs**





---

**LEARN MORE**

**[www.lorc.dk](http://www.lorc.dk)**

**THANKS TO**

**FORNYELSESFONDEN**  
GRØN OMSTILLING OG ERHVERVSMÆSSIG FORNYELSE

syddansk  
**vækstforum**