

## nLink

# Technical development



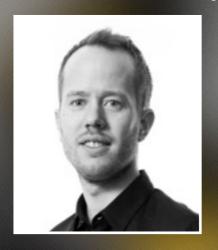
Tomas Henninge MSc Cybernetics, NTNU

### CEO



Håvard Halvorsen MSc Cybernetics, NTNU

# Business development



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MSc Business & Economics,
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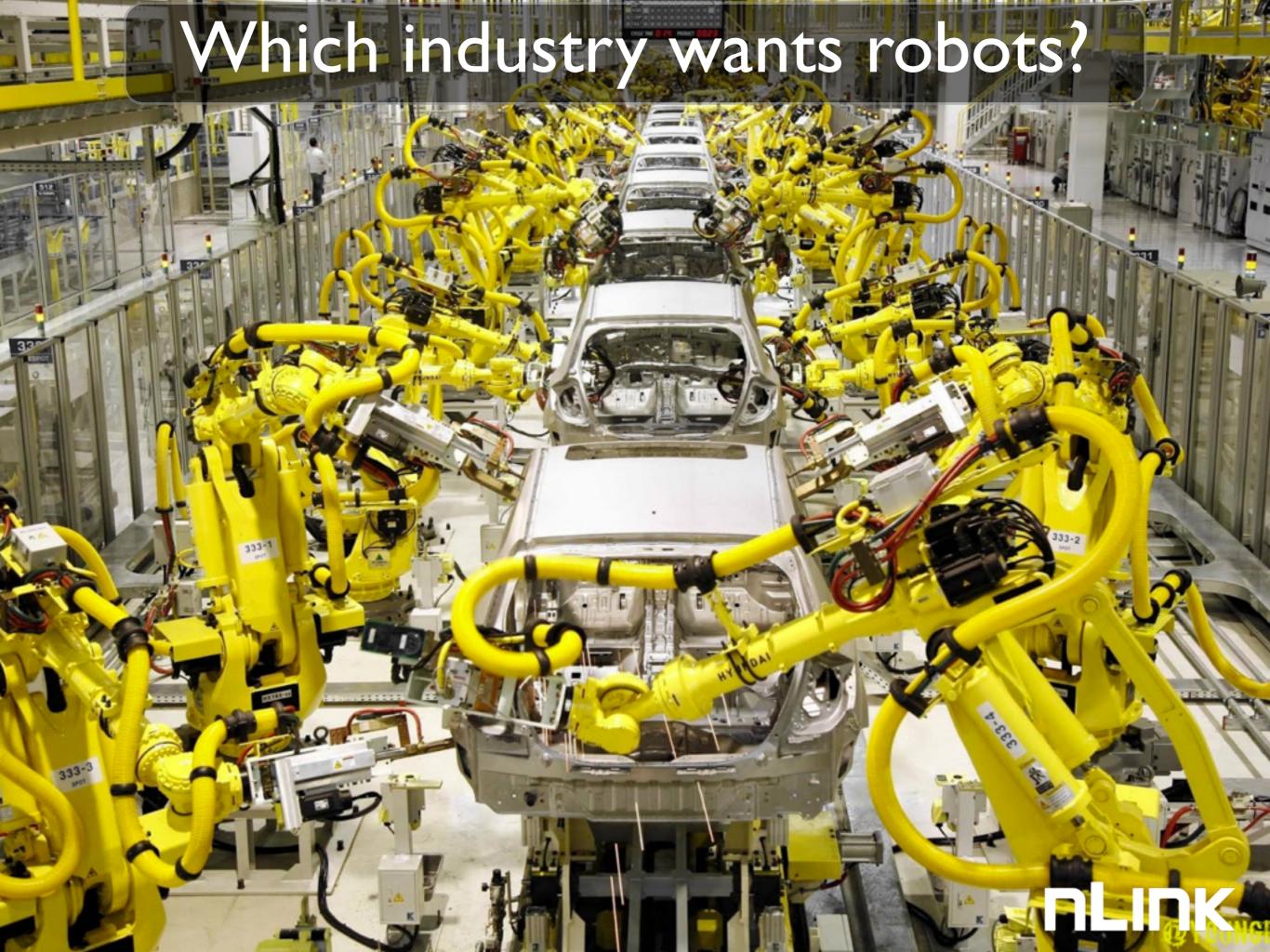


# nLink will become the leading international robotics company in the construction industry

"Revolutionizing the construction industry"

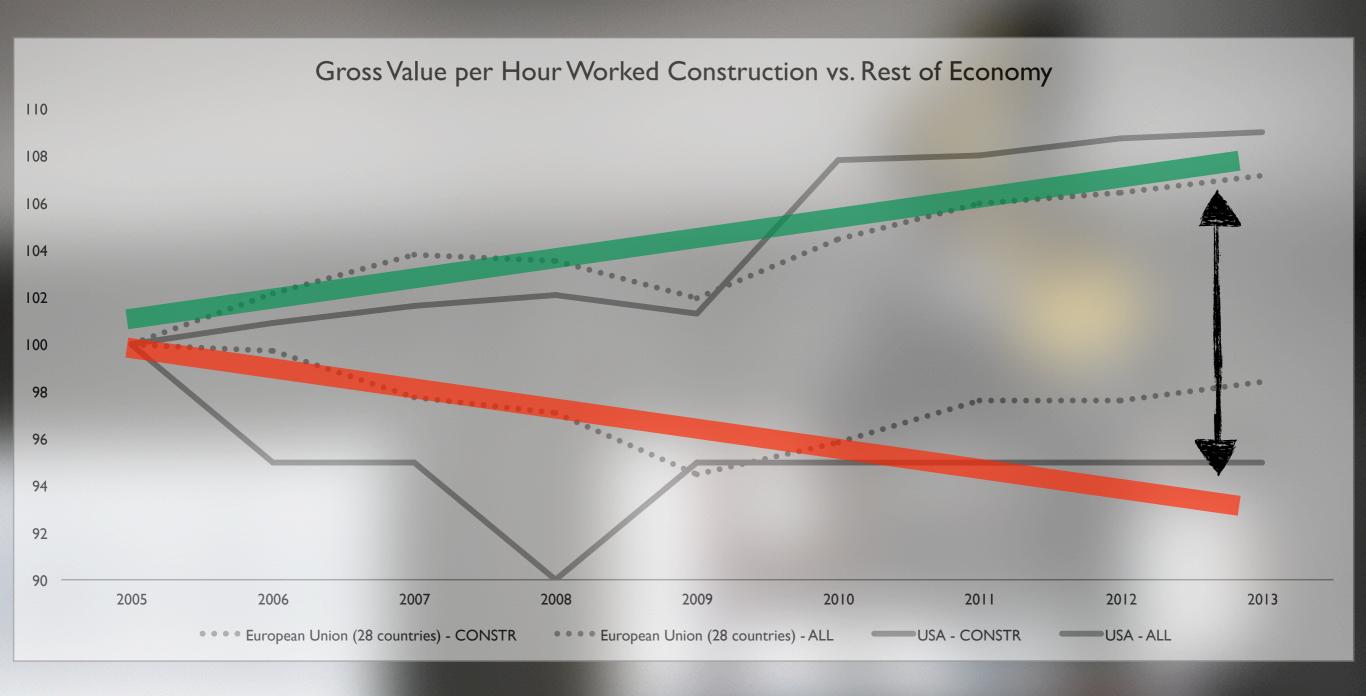








## 7 trillion unproductive dollars



Sources: OECD statistics bank, US Bureau of Labor, Paul Teicholz, Stanford University





Norwegian shopping mall: 250.000 holes



VINTERVOLL

nLink

## Health and safety concerns

\$45 - \$54 billion annually (USA)



Pain from WMSDs are the complaint most frequently reported (EU)





Verdens aller første mobile borerobot blir offisielt lansert for et svært interessert publikum utenfor Sogndal. Gründer Håvard Halvorsen følger lett nervøs med mens roboten borer sine første laserstyrte hull i betongtaket. En svært slitsom jobb for en elektriker.

## - Det er summen av Petter Smart-ene som kan bli stor

250.000 jobber kan forsvinne med oljen. Noen er i full gang med å skape de nye.

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STARTUP PROFILE

## Things Look Up for nLink's Mobile Building Robot

Norwegian drilling robots set out to reduce worker strain, save contractors time.

#### By Eugene Demaitre





#### RBR50 Companies RBR 5 ABB Robotics 3D Robotics Aethon Amazon Autonomous Solutions Boeing Bosch Group Brain Corporation Caterpillar, Inc. Clearpath Robotics Dyson Ekso Bionics List RBR50 Companies The RBR50

#### March 12, 2015

Drilling holes upward into concrete ceilings is a task that puts a lot of strain on construction workers. The Mobile Building Robot from nLink could change that.

Norway-based nLink, which won the Pitchfire startup contest at last year's RoboBusiness event, is readying the first large-scale deployment of the robot as a service.

The Mobile Building Robot could save time for builders and even create job opportunities for construction workers....

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#### NLINK

The robots are coming for our jobs and nLink is partly to blame. Or, perhaps, to thank. It has created drilling robots for construction that can punch holes in ceilings -- a mundane task perhaps, but one that's worth a lot of money (Europe and the US alone have need for 5,000 such robots) and could lead to much bigger things. The company has tested the potential of its robots to complete many different tasks, including tiling floors.

But back to the drilling. The drilling robot can complete the task 5-10 faster than a human being. It is safer, more precise and ensures consistency. It doesn't replace the human construction worker -- they must operate the robot using an iPad application.

The robots are now market ready and rather than being sold will be rented out to customers, of which nLink currently has three lined up. The company announced at Startup Extreme that it had just closed an almost \$1 million seed round. Its first job will be in Trondheim in July and nLink reckons it will be looking for venture capital funding next year.



## Patent pending

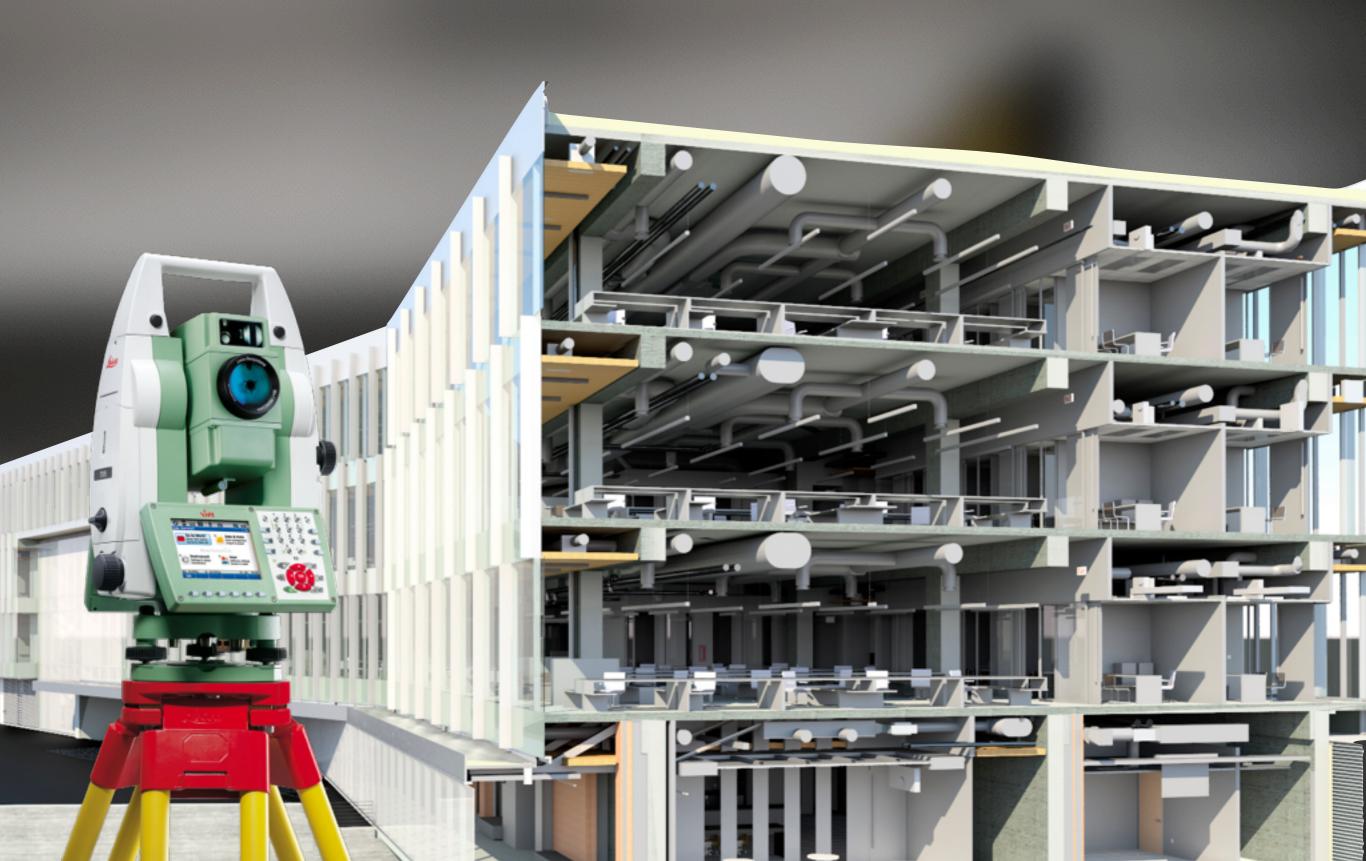
Cooperation with Dehns patent and trade mark attorneys,

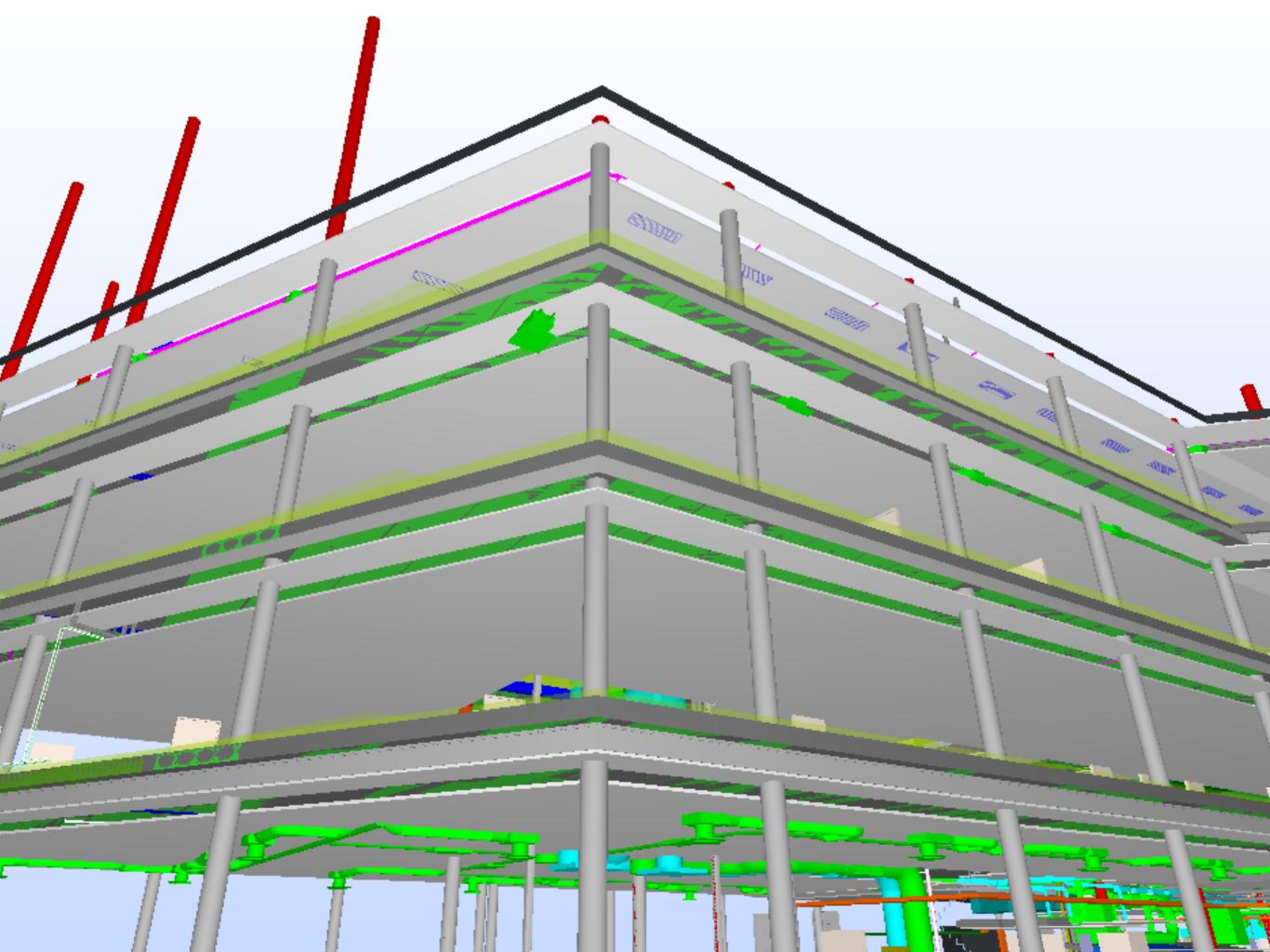
London

October 29th 2014



## Future of construction robotics

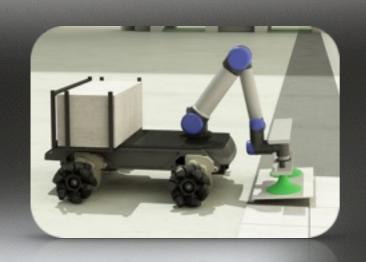






## Scalable robotic platform

# nLink





New markets and products

nLink positioned to dominate robotics for construction



# Fantes det hjelp i lille Sogndal?

nLink

2008-2009





## nLink

## Neste steg







Revolutionizing the construction industry