

# Start-up Examples

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## Abstract

This is a collection of examples of start-up companies.

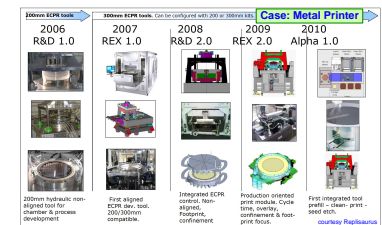
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June 3, 2026

status: preliminary  
draft

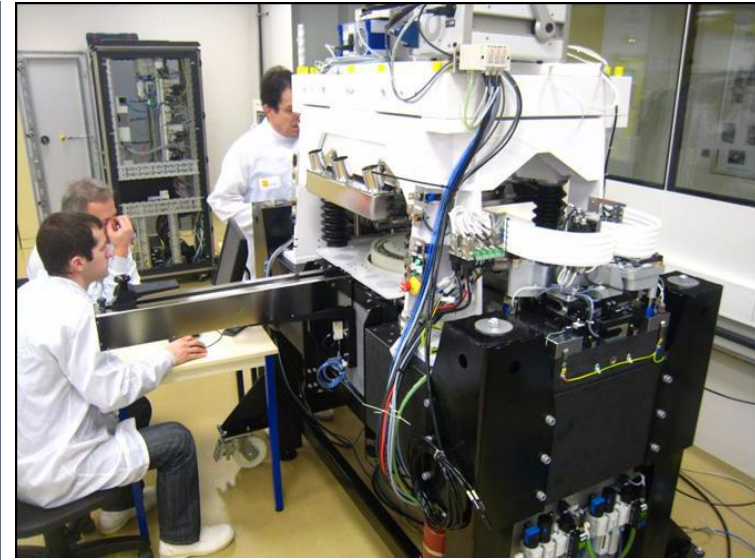
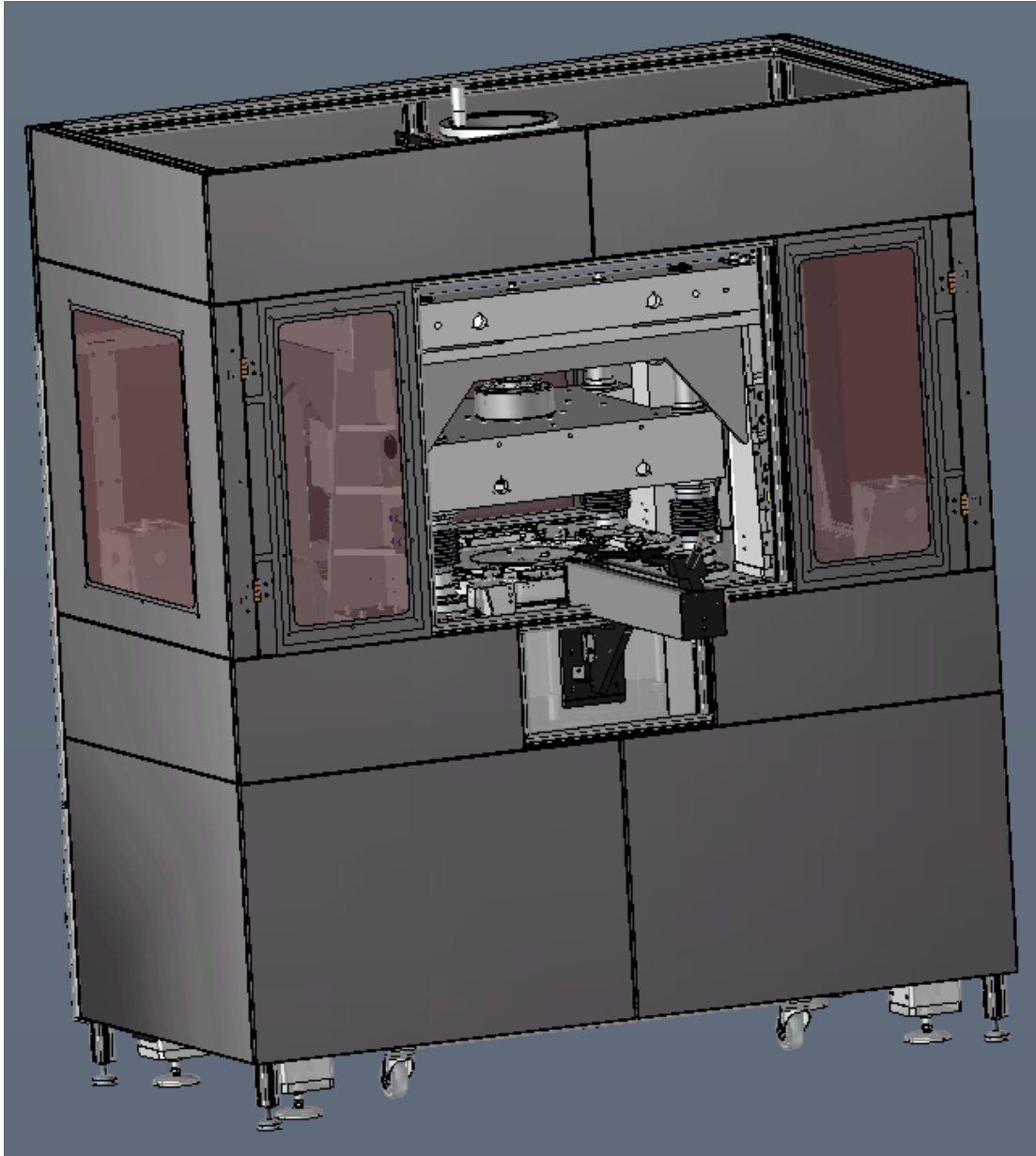
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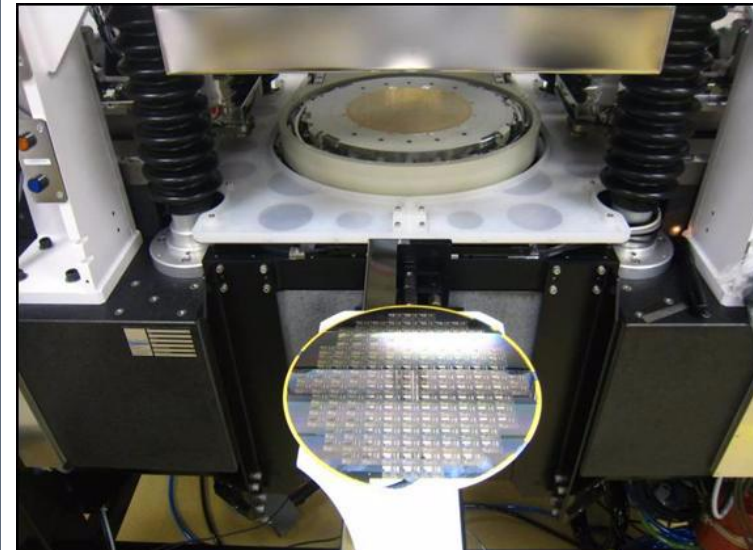
# Gerrit's Relevant Experiences

<p>copper printer  wave energy convertors  3D printer  Atomic Force Microscope  subsea riser systems  battery packaging  agriculture sensors  bio gas reactors  IoT sensors  3D large scale printing  Algae  autonomous snow cleaner  Algae  3D ceramic printer  reactor cleaning provider  Atomic Force Microscope  robots  unmanned ground vehicle  unmanned vessel  robot grip  waste intake system</p>	<p>semiconductor equipment  sustainable energy  general 3D printing  semiconductor equipment  oil and gas subsea  manufacturing, sustainable energy  agriculture  agriculture, sustainable energy  production and processing plants  bridges  Food, sea agriculture  airport support  Food  general 3D printing  chemical processing plants  bioclinical research  logistics  defense  defense  oil and gas subsea  waste handling</p>	<p>consultant &amp; researcher  consultant &amp; researcher  teacher  teacher  thesis supervisor  course supervisor  thesis supervisor  course supervisor  thesis supervisor  thesis supervisor  thesis supervisor  PhD supervisor  consultant  consultant  thesis supervisor  teacher  teacher  teacher &amp; consultant  course supervisor  thesis supervisor  thesis supervisor</p>	<p>Start-up (bankrupt)  Start-up, scale-up?  scale-up (merged)  scale-up  scale-up (bought)  start-up  large company, niche  start-up  start-up  start-up  start-up  start-up (bought)  start-up  start-up  service operator, niche  scale-up  start-up, scale-up  ecosystem  SME  start-up (stopped)  start-up</p>
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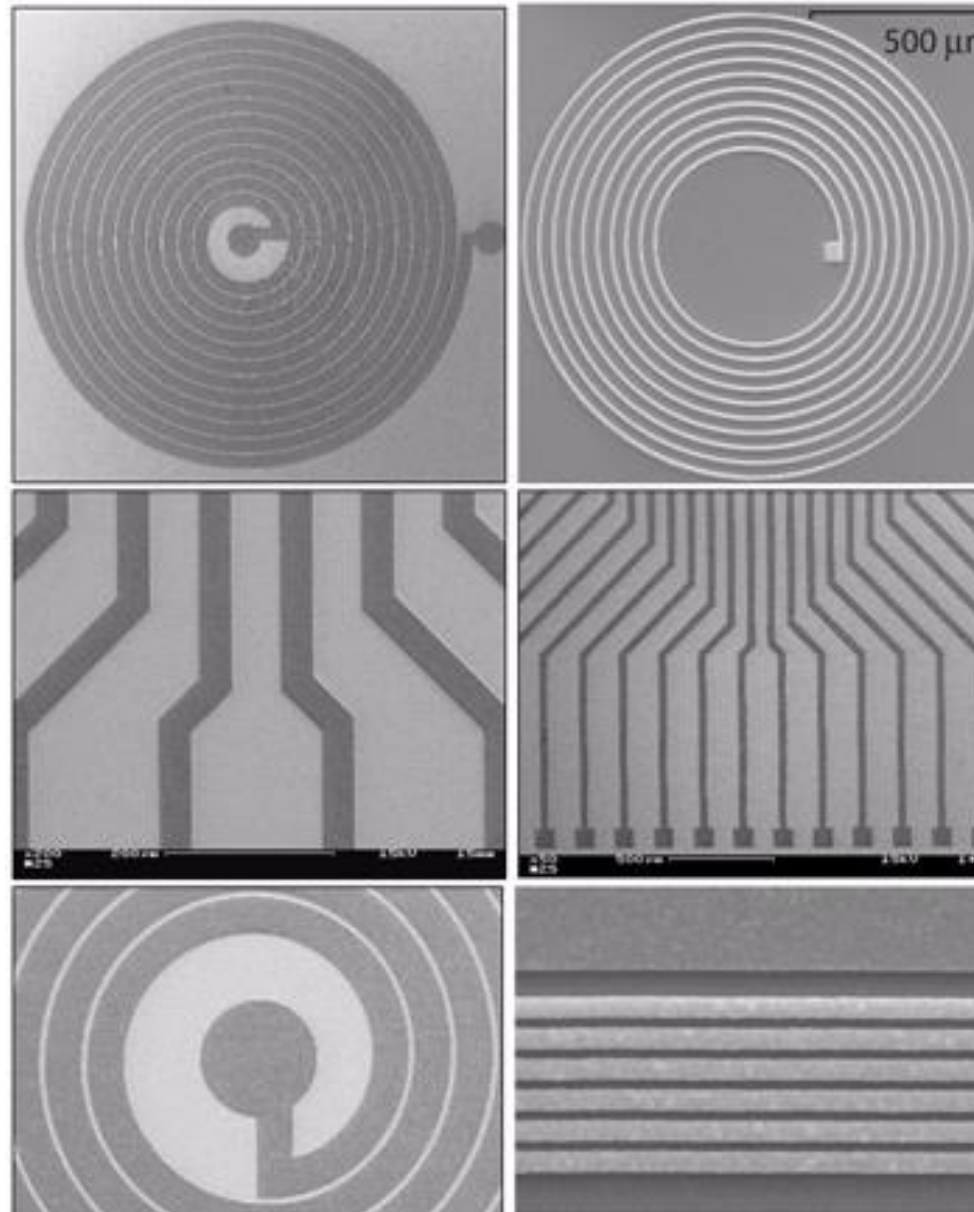
# Case 2 Replisaurus Copper Printer



courtesy Replisaurus  
[www.replisaurus.com](http://www.replisaurus.com)



# Example of printed copper structures

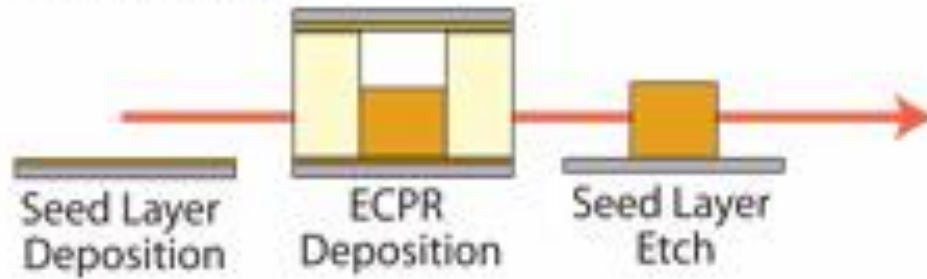


courtesy Replisaurus  
[www.replisaurus.com](http://www.replisaurus.com)

# ECPR technology replaces 6 process steps by 1 step

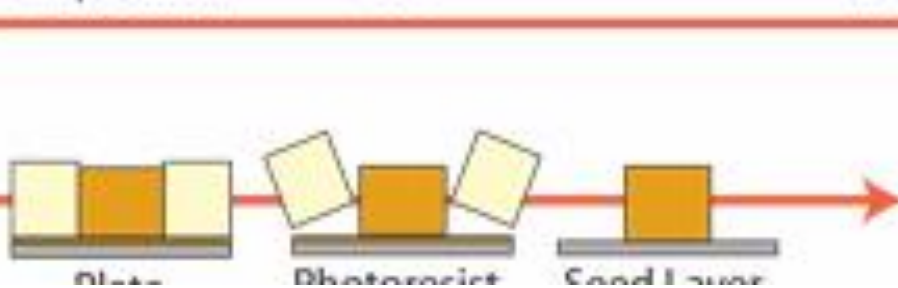
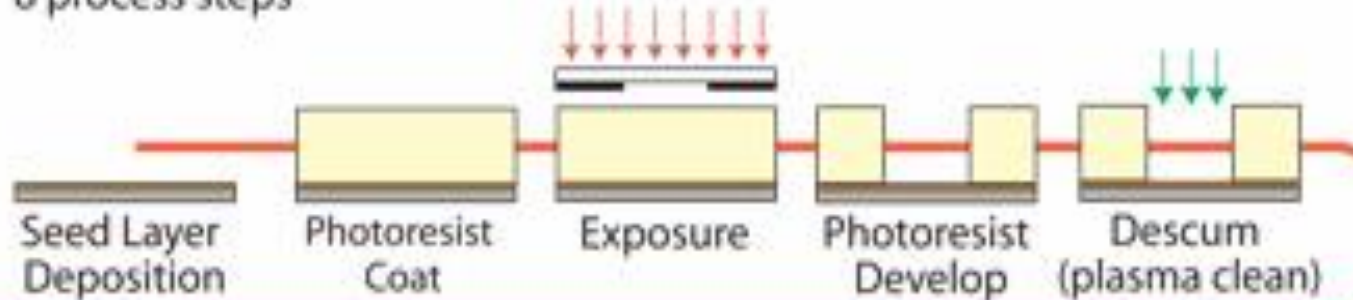
## ECPR - ElectroChemical Pattern Replication

3 process steps



## Conventional lithography based metallization

8 process steps

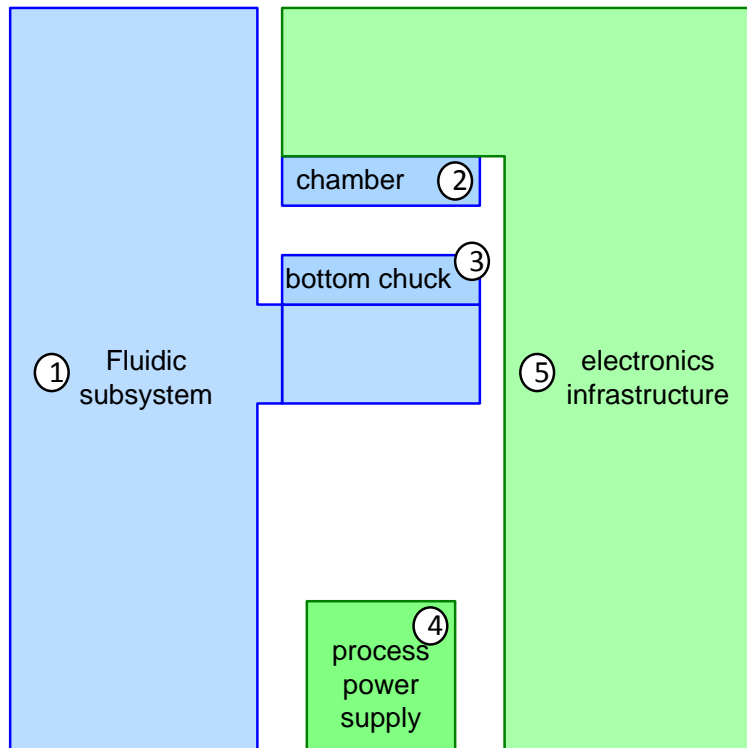


courtesy Replisaurus  
[www.replisaurus.com](http://www.replisaurus.com)

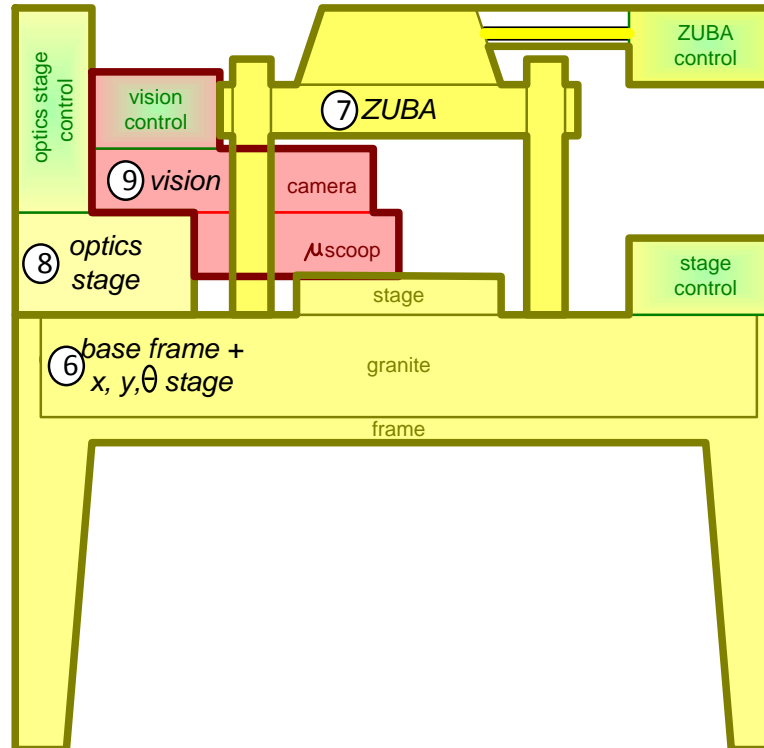
# Persistent Prototype Progress

200mm ECPR tools	300mm ECPR tools. Can be configured with 200 or 300mm kits.		Case: Metal Printer	
<p>2006 R&amp;D 1.0</p>	<p>2007 REX 1.0</p>	<p>2008 R&amp;D 2.0</p>	<p>2009 REX 2.0</p>	<p>2010 Alpha 1.0</p>
<p>200mm hydraulic non-aligned tool for chamber &amp; process development</p>	<p>First aligned ECPR dev. tool. 200/300mm compatible.</p>	<p>Integrated ECPR control. Non-aligned, Footprint, confinement</p>	<p>Production oriented print module. Cycle time, overlay, confinement &amp; footprint focus.</p>	<p>First integrated tool prefill – clean- print – seed etch.</p>
				<p>courtesy Replisaurus</p>

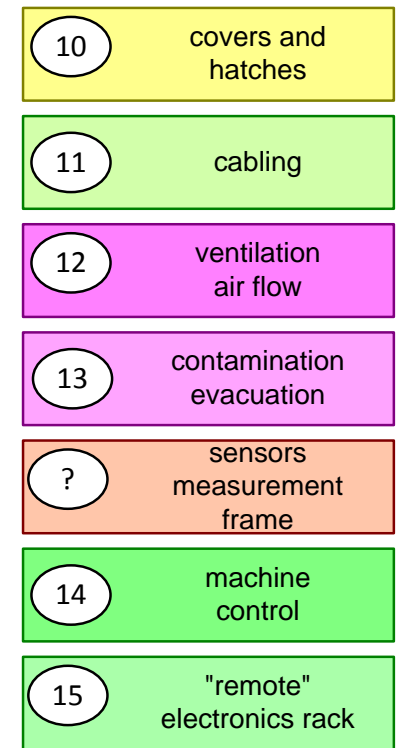
# Decomposition in sub systems



back side view

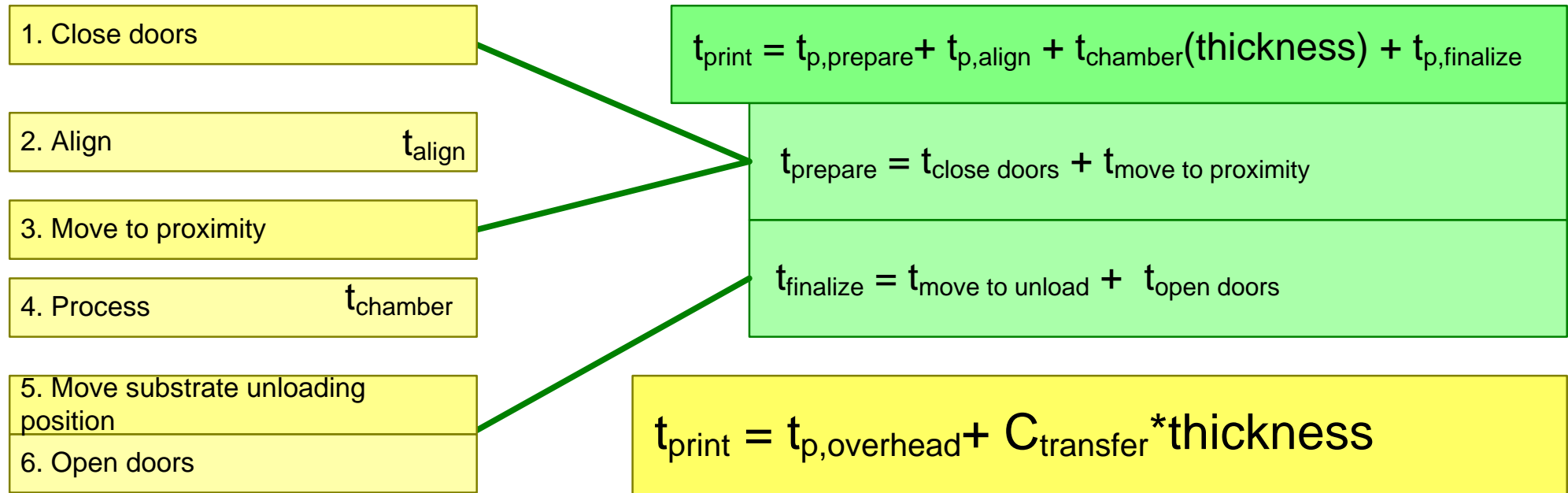


front side view



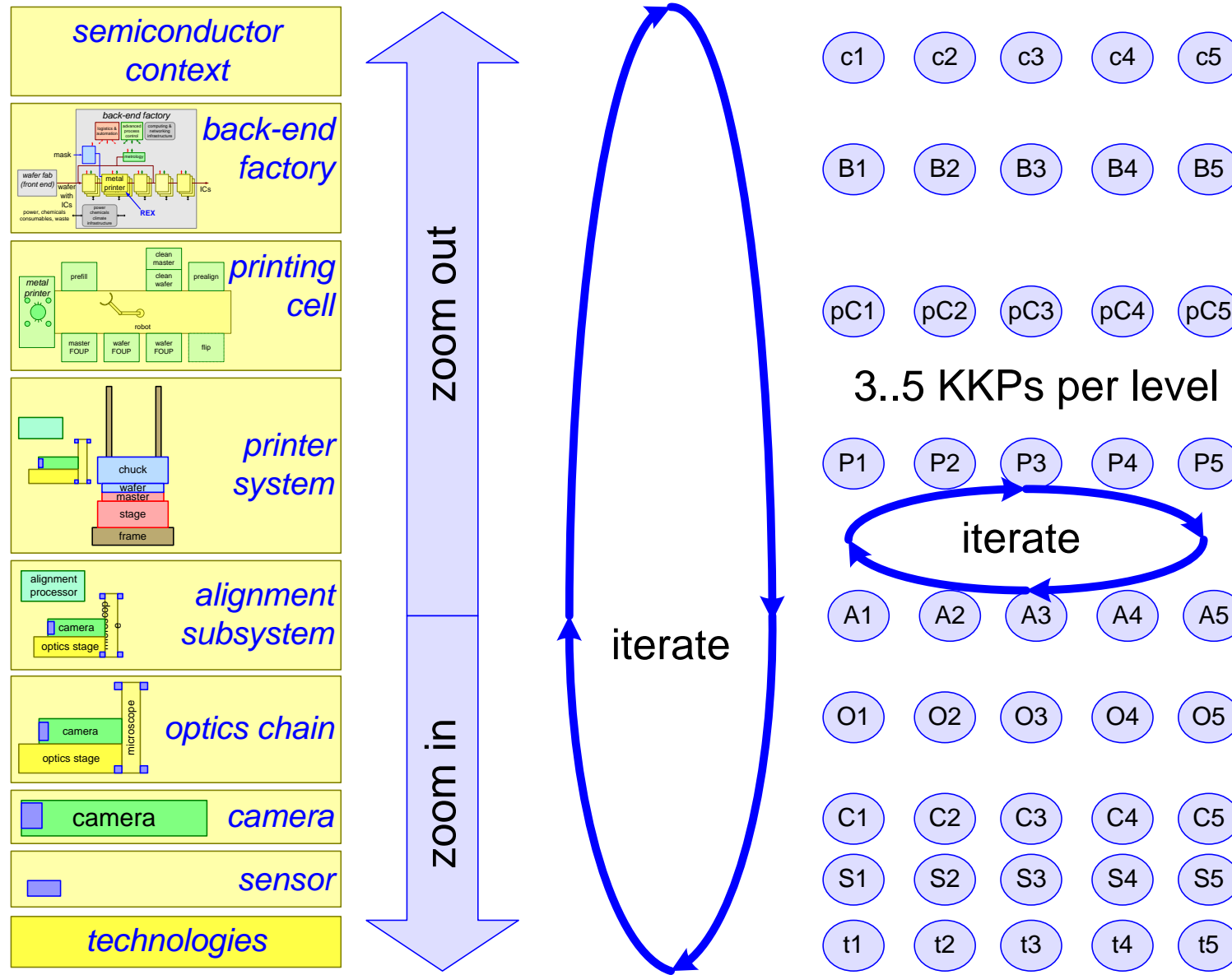
integrating

# Ca. 2 days per quarter used for simple models

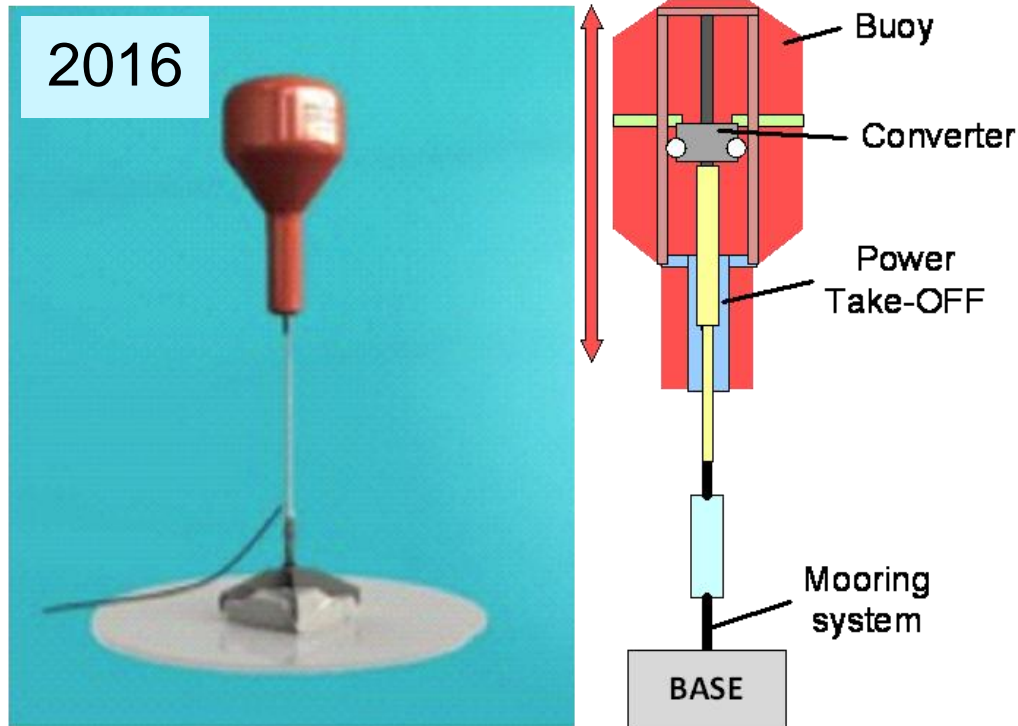


*note: original diagram was annotated with actual performance figures for confidentiality reasons these numbers have been removed*

# Architecting: 8 Orders Zoom in-out



# CorPowerOcean Wave Energy Convertors



from: A reflection on the use of A3 architecture overview in designing Wave Energy Convertors  
E.F. Aune, H. Lind, and G. Muller, SoSE 2016 [https://gaudisite.nl/SoSE2016\\_Aune\\_etAl\\_SEMA.pdf](https://gaudisite.nl/SoSE2016_Aune_etAl_SEMA.pdf)

2026.05.26 News

CorPower Ocean welcomes  
Algebris Investments and EIC  
Fund as investors.

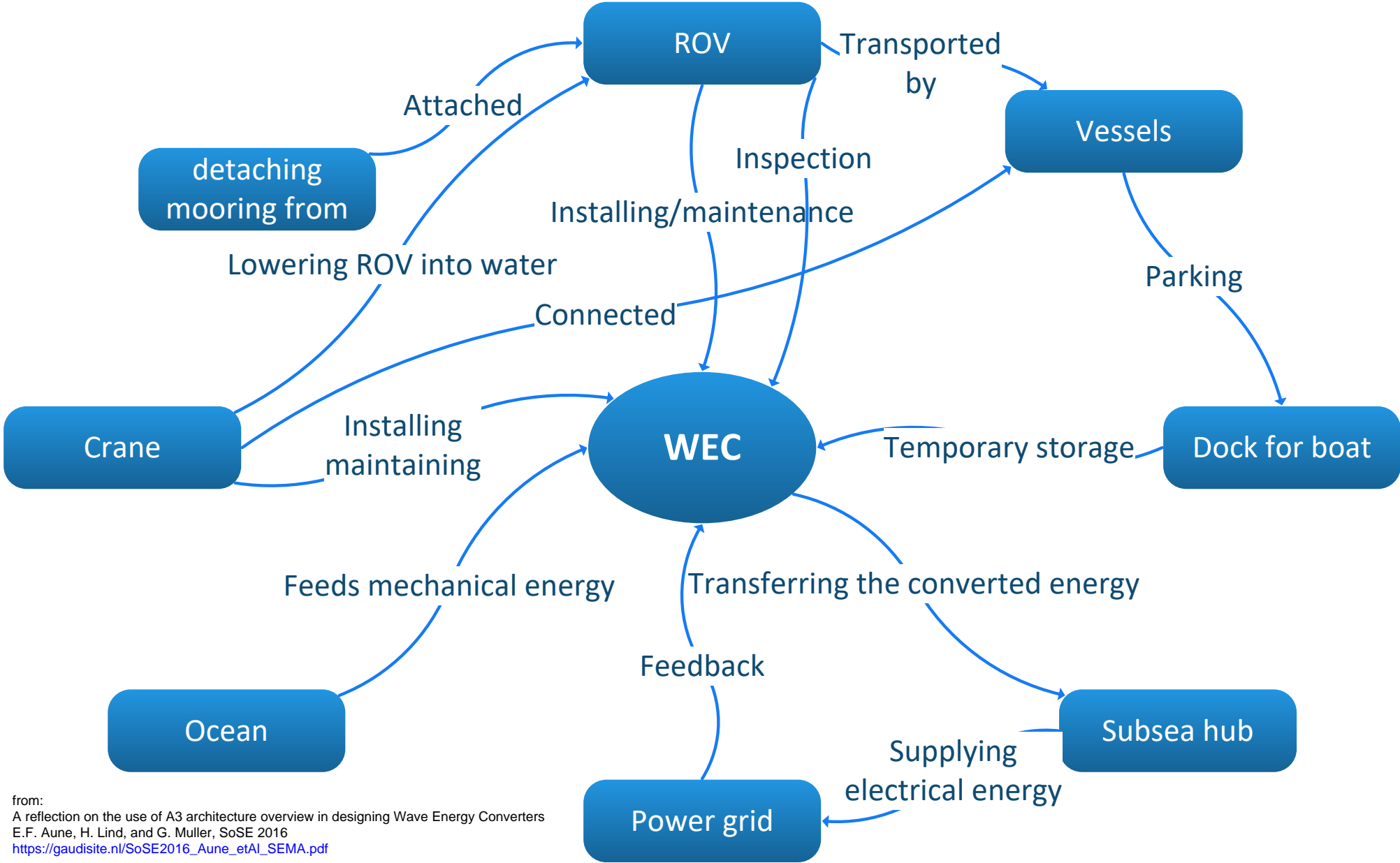
2026  
€100M+  
Investment  
Ready for scaleup

<https://corpowerocean.com/welcomes-algebris-investments-and-eic-fund-as-investors/>



NordicNinja | bers CAPITAL | CISCO | SEIB | Santander Asset Management | GTT | ACARIO TOKYO GAS GROUP | Algebris INVESTMENTS | European Innovation Council

# WEC System Context



from:  
 A reflection on the use of A3 architecture overview in designing Wave Energy Converters  
 E.F. Aune, H. Lind, and G. Muller, SoSE 2016  
[https://gaudisite.nl/SoSE2016\\_Aune\\_etAl\\_SEMA.pdf](https://gaudisite.nl/SoSE2016_Aune_etAl_SEMA.pdf)