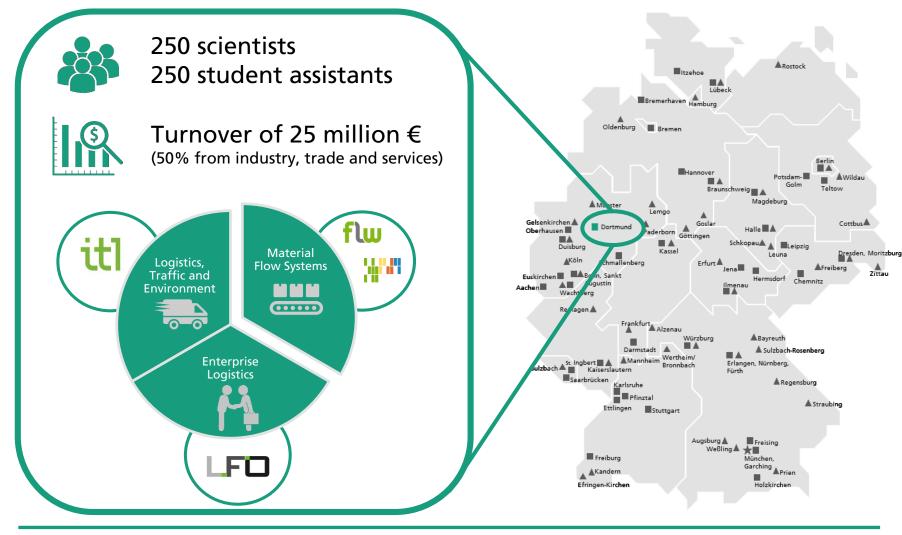
### DEMOCRATIC INDUSTRY 4.0 IDEAS, MAKER AND IOT Andreas Nettsträter, Christian Prasse











IoT Week Belgrade May 31<sup>st</sup>-June 2<sup>nd</sup> 2016

Fraunhofer Institute for Material Flow and Logistics Key Facts

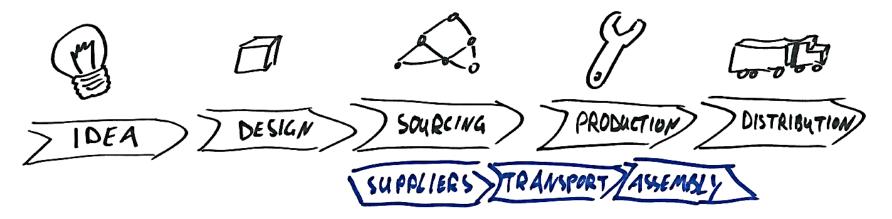


## Industry 4.0, 3D printing and IoT are changing the way we develop and produce things!



### Fast Prototyping and Production Traditional way of producing things





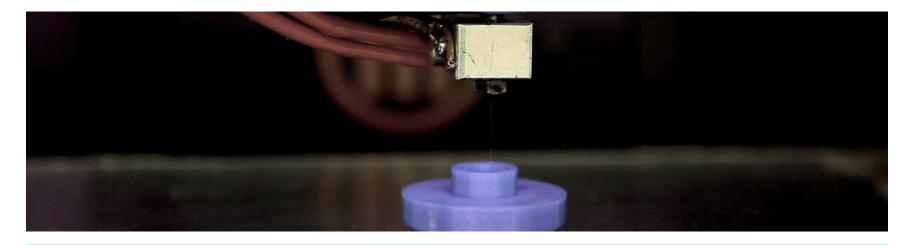




Fast Prototyping and Production Today ideas can be realized like this











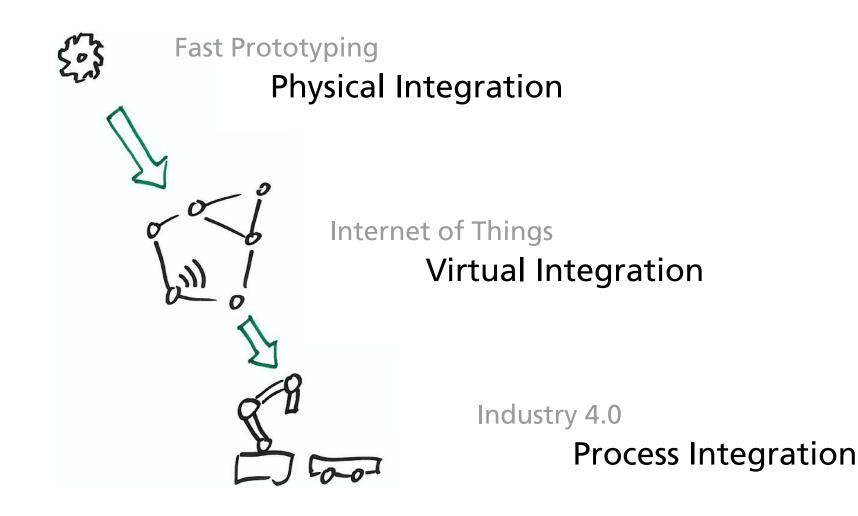
## Access to production resources is the real industrial revolution



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Fast Prototyping – Internet of Things – Industry 4.0 The combination offers new chances

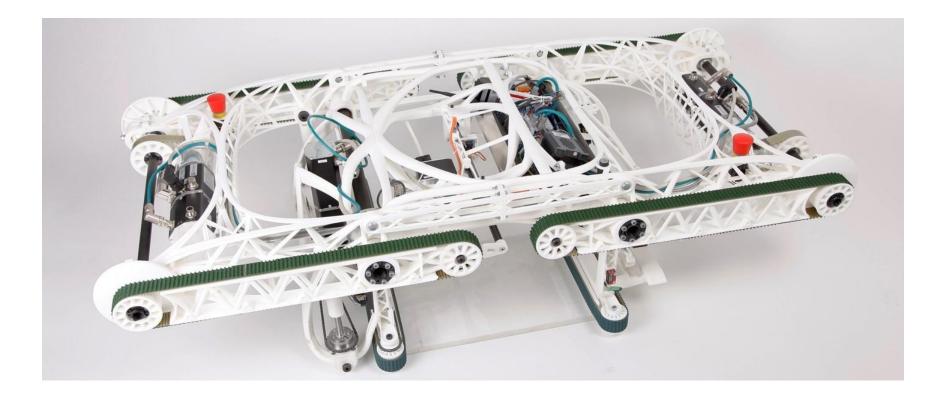






### New Ideas just realized RackRacer: New crawler vehicles for miniload systems







#### New Ideas just realized Bin:Go · Drone transport in 3D







Bin:Go rolls if it is possible and saves therefore up to 90% Energy • Bin:Go is safe, because of its soft surface and geometry • Flying in a pipe, Bin:Go operates as a tube mail



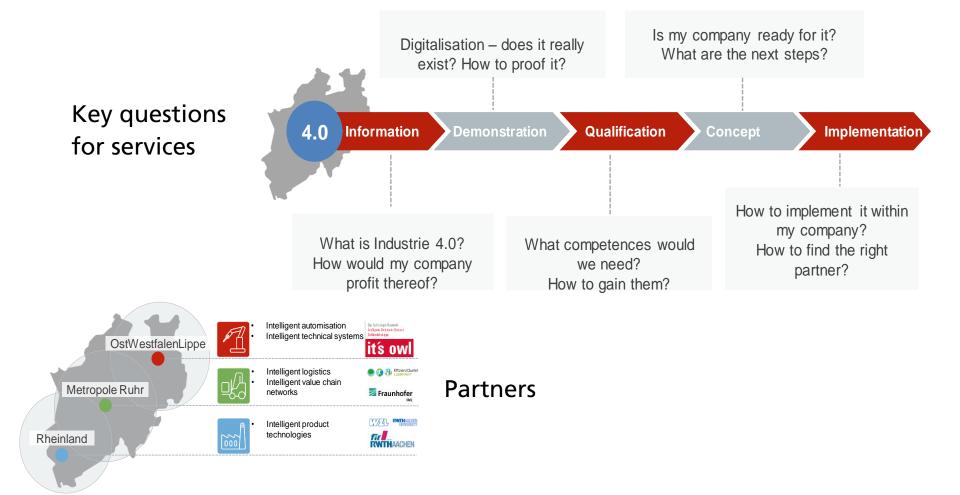


# Initiatives supporting the development and realisation



### Industry 4.0 Initiatives supporting this process Center of Competence for SME







### Industry 4.0 Initiatives supporting this process Industrial Data Space aims at a »Network of Trusted Data«







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## Thank you

