



AM im Kontext der Digitalen Fabrik

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Lemgo, October 26, 2018



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Agenda

EOS – how are we doing?

The context of Additive Manufacturing and Digitalization

Digital factory – Key customer projects

What's next?

Summary

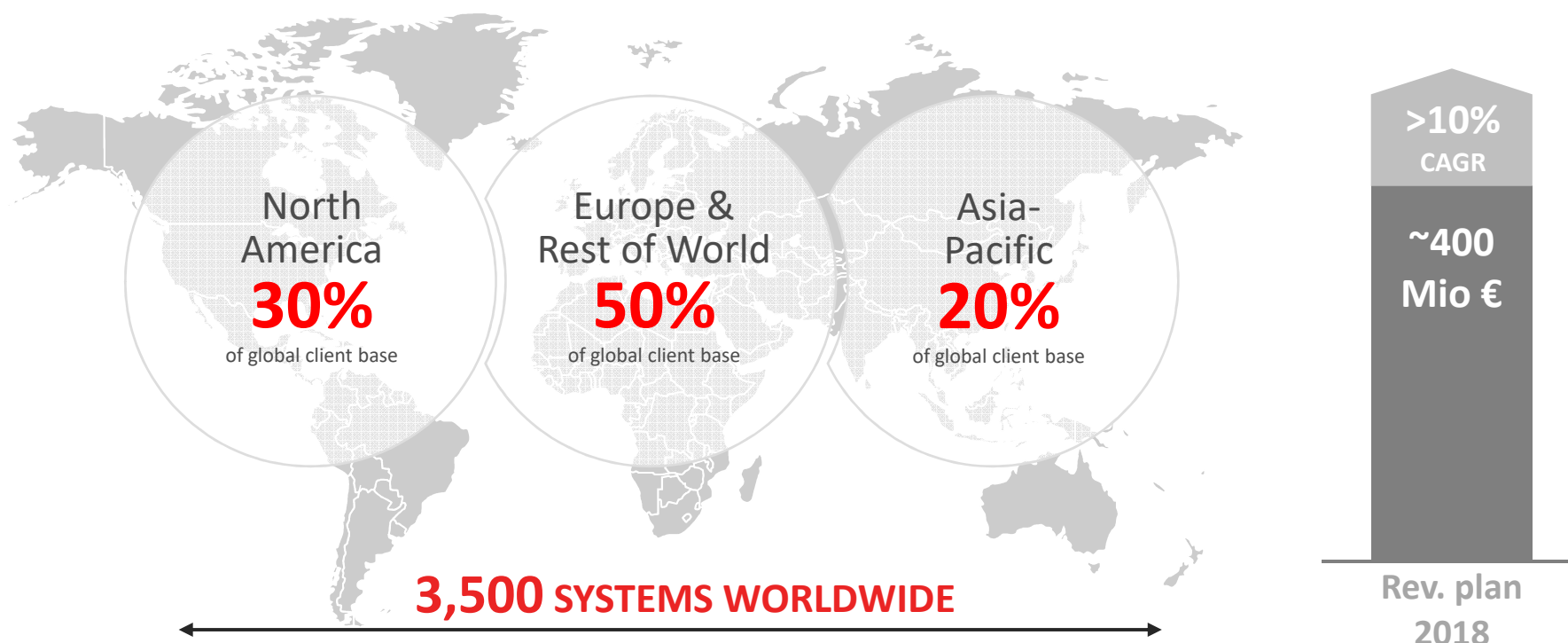
Existing and new players strengthen their market presence



**More than 25 years
in Additive Manufacturing**



EOS is consistently growing



Source: EOS

Status Additive Manufacturing | EOS |

Production capacity >1,000 systems per year





EOS Vision

Additive Manufacturing technology is an established and efficient way of industrial production.



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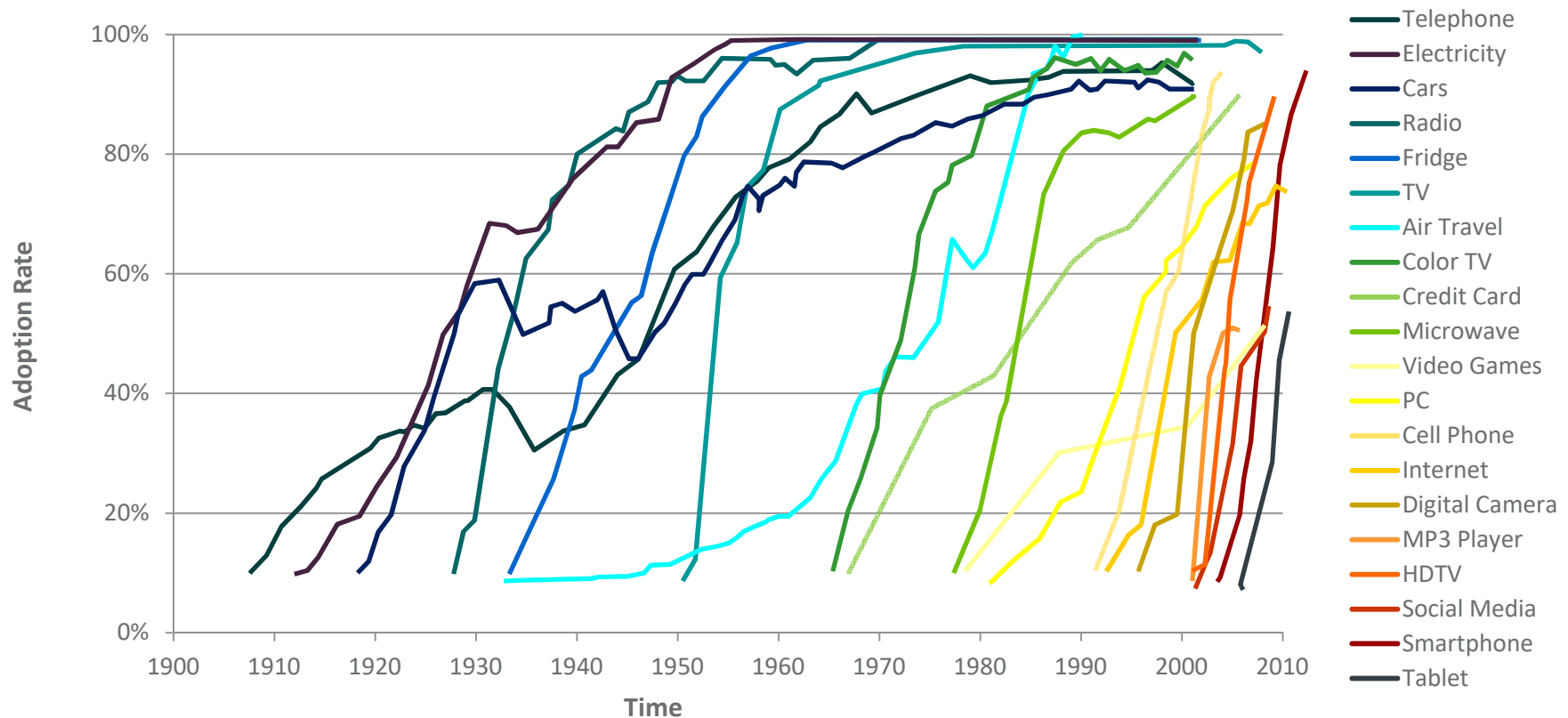
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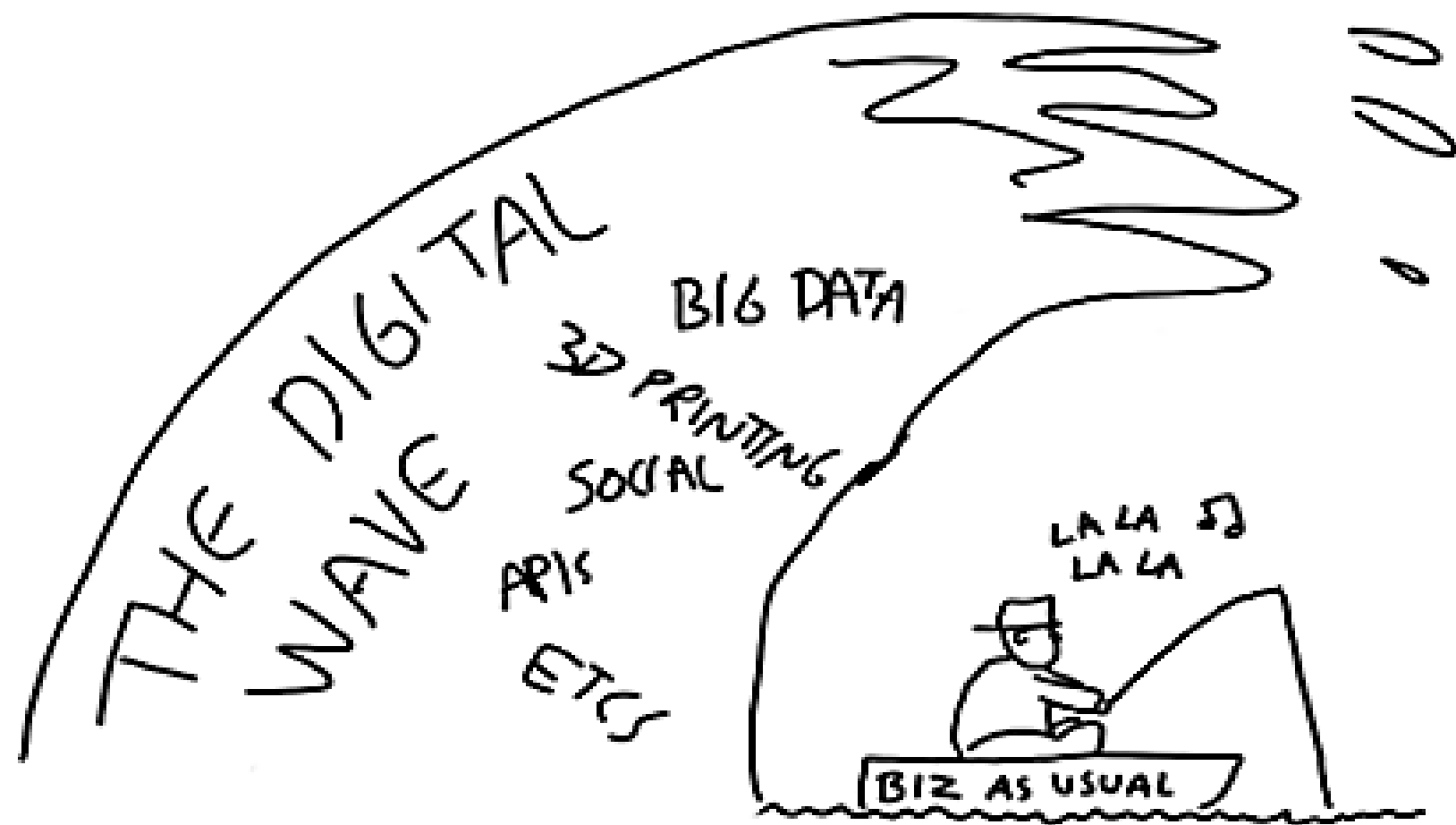
Summary

Speed of innovation gets faster and faster – companies are forced to innovate radically

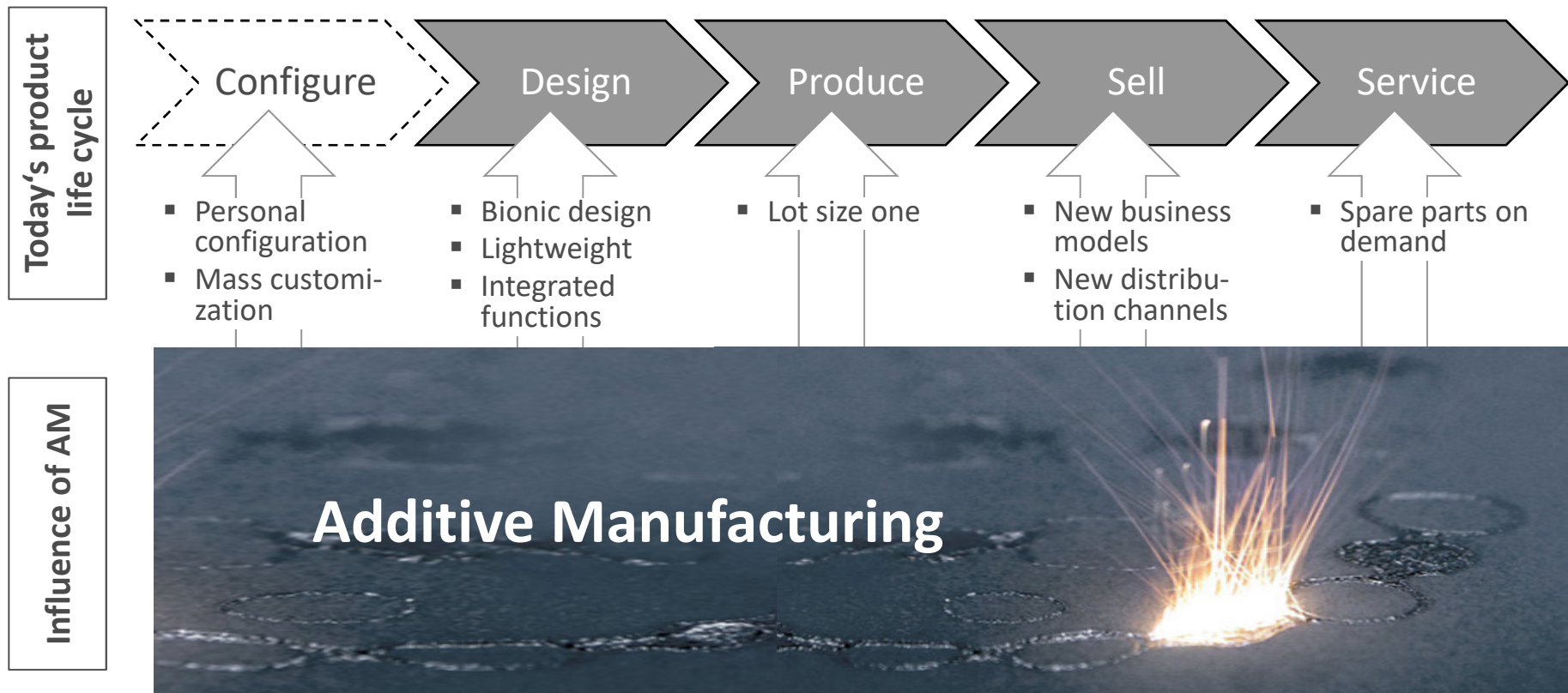


Source: Asymco and BlackRock

Status Additive Manufacturing | EOS |



AM is a strong driver for Digitalization along the entire value chain





AM as a digital technology allows for new freedom to act

Freedom of materials




Freedom of design



Freedom of manufacturing



New High Performance Process

Freedom of materials: in cooperation with 

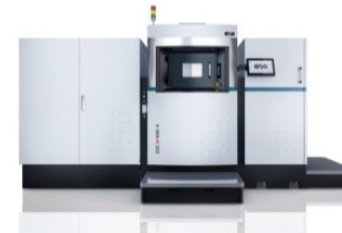


Today's 316L
standard process



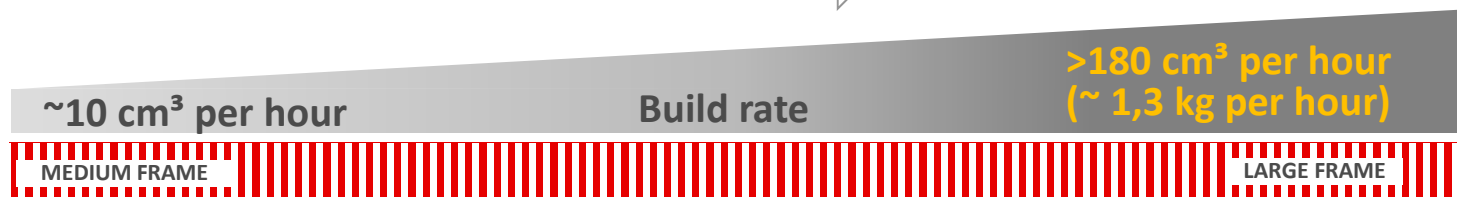
Proven DMLS quality

New 316L high
performance process



Proven DMLS Quality, up to
4x higher productivity

- Performance material
- High performance process



Freedom of design



Freedom of manufacturing





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Example Siemens Power Generation

50% REDUCTION OF LEAD TIME

75% LESS DEVELOPMENT TIME



RESISTS 1.250 DEGREES CELCIUS

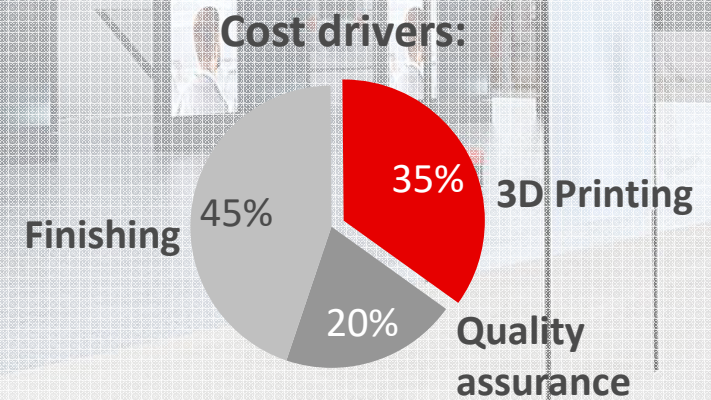
UP TO 13.000 ROTATIONS PER MINUTE

Example Airbus Helicopter



Example Daimler, Premium Aerotech

Goal: Integrated production system for a cost-efficient production of aluminum parts in Aerospace and Automotive





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EOS **M** 300 Series



Focus on
highly **repeatable part properties**



Clear focus on **productivity** and
lowest cost-per-part



Developed for automation and
(software) integration
in **current and future factories**



Scalable and flexible concept for
growing customer requirements incl.
superb process engineering





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Our future portfolio is tailored for production

Summary

We have been following our **vision** for many years – now it seems **getting true!**

AM as a digital technology allows for **freedom of materials, freedom of design and freedom of manufacturing**

Our **R&D effort is geared to** match our **production customers' requirements**

Our **next generation metal system** will proof point our vision – come and see us on Formnext!

Thank you.



EOS HQ in Krailling, Germany