Additive Manufacturing
State of the Industry

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Note:
Many images have been removed from this presentation because permission was not granted to distribute them. Other elements of these slides also differ from those presented.

Next 45 minutes

Need for more R&D
Growth trends
Shift toward using AM for production
Latest global developments

18 industry events this year
55 investor consultations in past 12 months
26 company/organization visits

Growth and development


Investment
New products
Startups
Events
Governments
Research
Personal use
Awareness
Kickstarter

Additive
Subtractive
Formative
Terminology
additive manufacturing  3D printing
formal standard  de facto standard
technical media  mainstream media
scientific community  everyone else
Google: 11.7M  Google: 255M
Terms are being used interchangeably

Key growth trends
AM
Production
Low-cost systems

Production of parts for final products

Logistics and the supply chain

Aerospace and medical
Consumer market

Around the world in 15 minutes
Around the world in 15 minutes

Cumulative industrial AM installations worldwide

Most history, users, experience, and know-how


Industrial AM system manufacturers

16 in Europe
7 in China
4 in U.S. (3 sold 35 systems in 2012)

Conclusions

Interest is at an all-time high
Growth is strong
Companies are beginning to change the way they design and manufacture
Has lost some of its edge

U.S. is a nation of business-minded innovators and independent thinkers

Many opportunities in new businesses, business models, and R&D