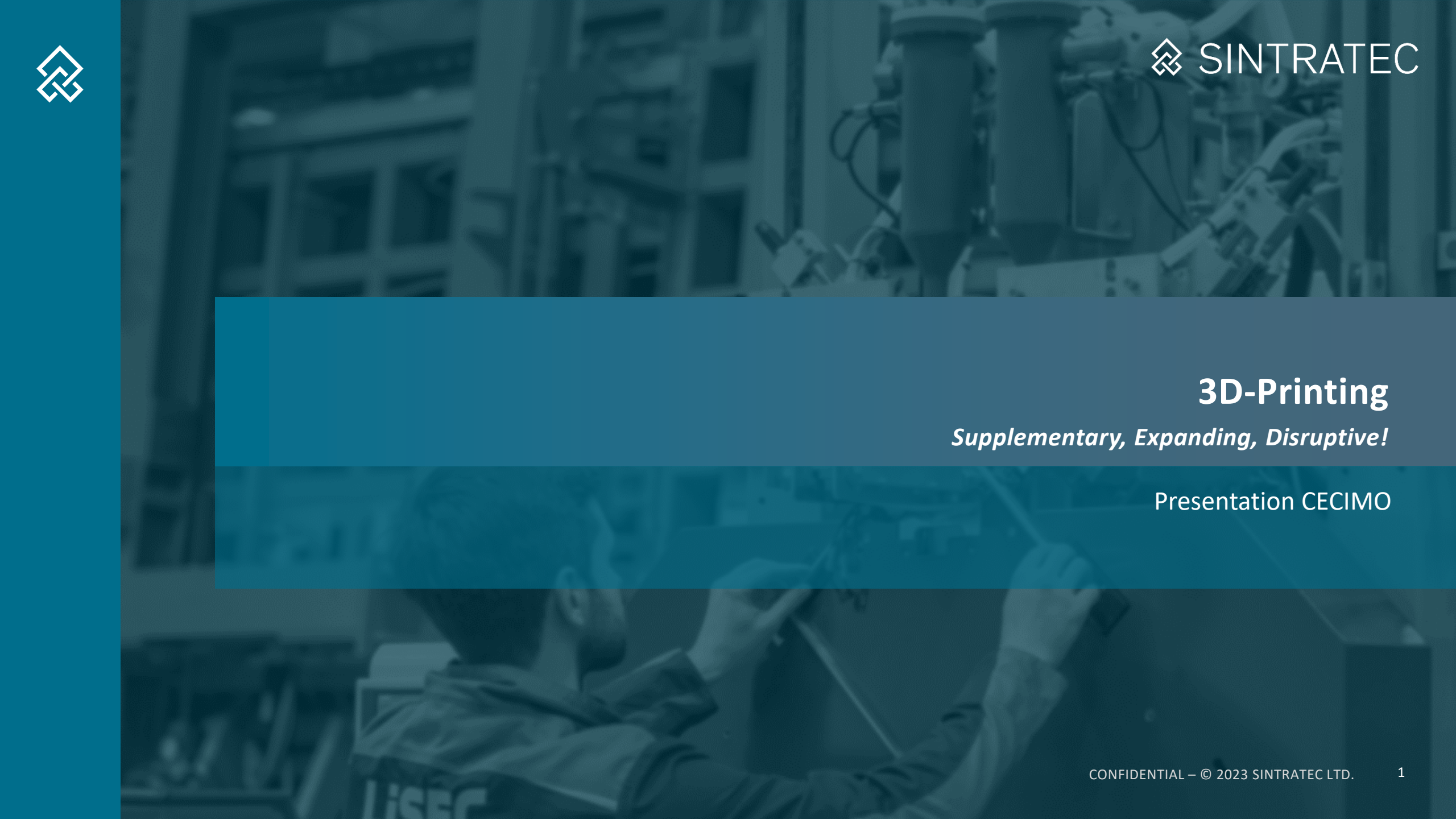


SINTRATEC

3D-Printing

Supplementary, Expanding, Disruptive!

Presentation CECIMO

Current issues we know from our customers

- Supply chains (Covid, War...)
- Cost savings to stay competitive
- Innovation to stay competitive
- Time to market for new products
- Ecological footprint (Circular Economy)

Corporate

Daimler (EvoBus)

Automotive

Use:

- Reduction of huge internal stock costs
- Design for additive saves money (material)!
- Time to customer – local production (no shipping)

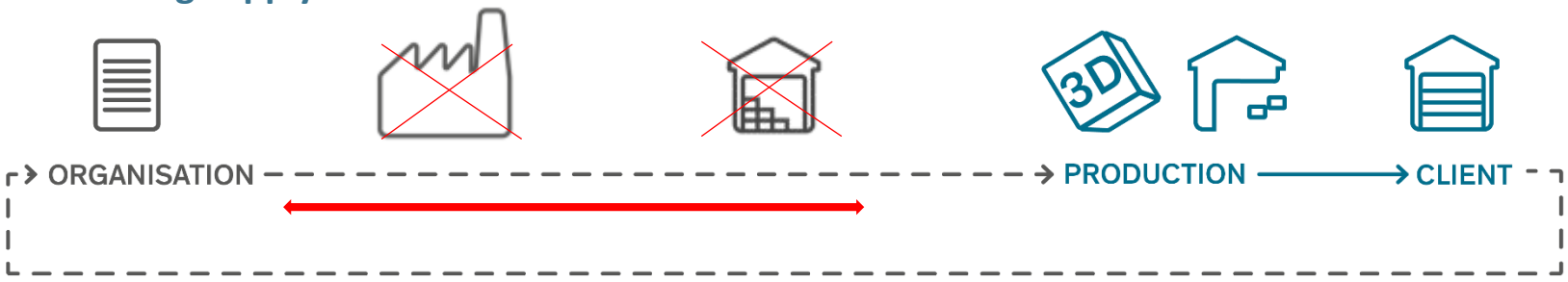
“With 3D printing, the Daimler bus division can react to urgent customer needs quickly, flexibly, economically and in an environmentally friendly manner.

The advantages of additive technologies, especially with regard to spare parts, are obvious.”

Production on demand / flexible supply chains

Current supply chains

3D-Printing supply chains

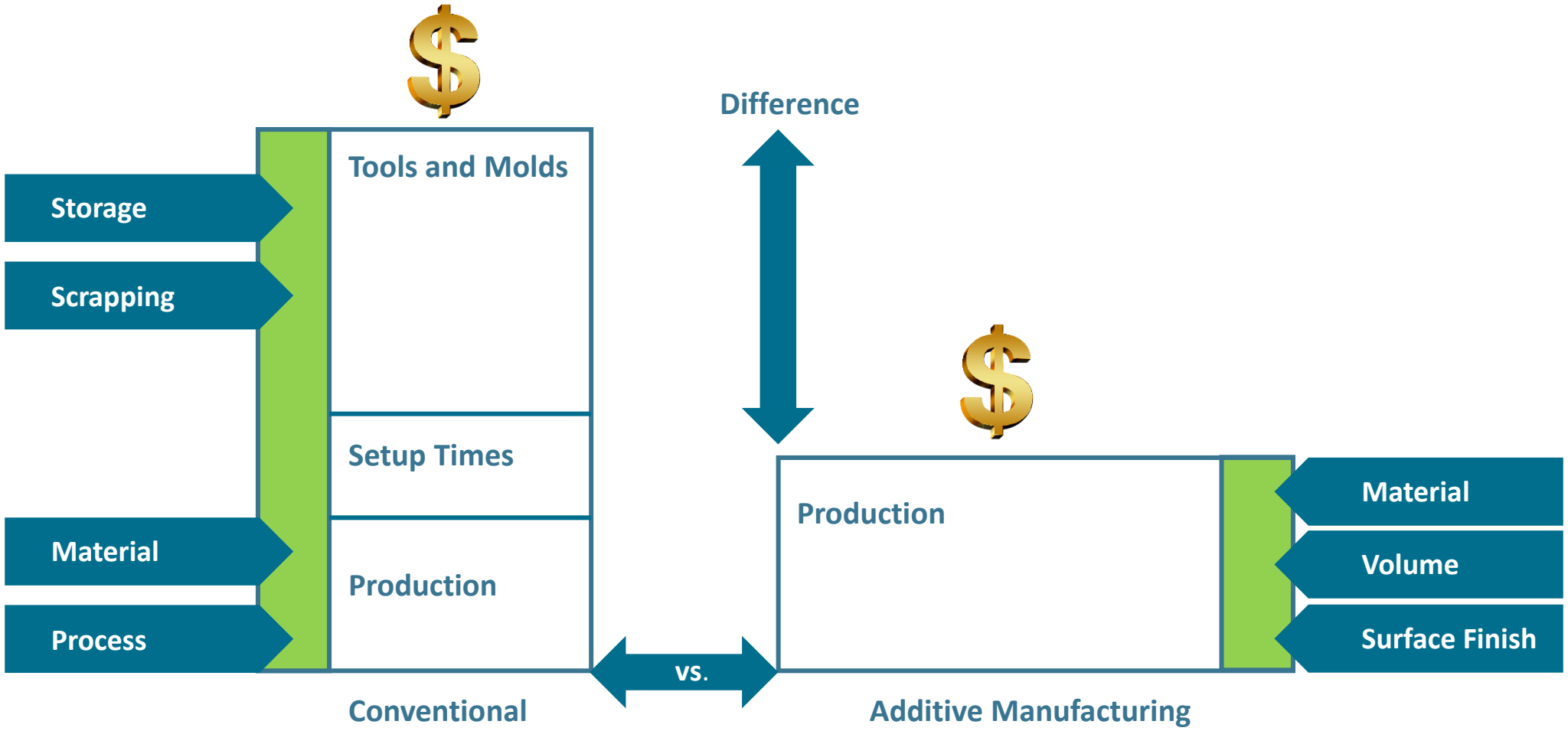


INFORMATION

PHYSICAL TRANSPORT

SOURCE: ADAPTION BOOK: DISRUPTIVER 3D-DRUCK ISBN: 978-3-446-47020-0

Comparison



SOURCE: ADAPTION BOOK: DISRUPTIVER 3D-DRUCK ISBN: 978-3-446-47020-0

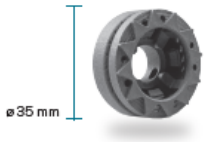
Selective Laser Sintering (SLS)

SLS
Selective Laser Sintering

Advantages:

- No supportive structures needed
- Mechanically and thermically strong parts
- Re-use of non used powder material (ecologic)
- 1 or 100 different spare parts in one print possible
- No Tools needed

Flexible production of the future



SLS PART
Cable Drive Pulley

PRINT JOB 315 PARTS
(MCU-220)

45’384
PARTS PER MONTH

552’172
PARTS PER YEAR

THE MANUFACTURING WORLDMAP IS CHANGING

Local Competence – Global Excellence

What happens around us?

Financing to small manufacturers to install 3D printing equipment at a more accessible cost:

The Small Business Administration will collaborate with AM Forward participants to ensure that its 504 Loan Program and Small Business Investment Company (SBIC) program will enable the adoption of AM across the country.

•Technical assistance to SME manufacturers:

- America Makes will create a curriculum for workforce training with AM Forward participants
- The U.S. Department of Labor will establish apprenticeship programs for 3D printing

WHO WE ARE AND HOW WE CAN ASSIST

WE ARE THE LEADING SWISS PROVIDER OF FIRST-CLASS SELECTIVE LASER SINTERING SOLUTIONS

ARE YOU USING THE FULL POTENTIAL OF 3D-PRINTING?

BEGIN YOUR JOURNEY WITH US!