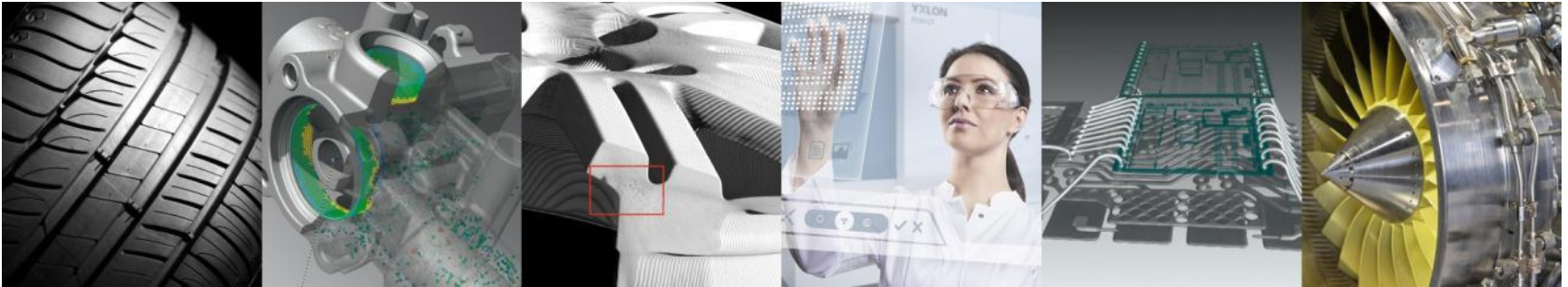


# Delivering sustainable growth by focus on selected application segments and developing metrology as new powerful growth driver



Stefan Moll, November 2015

**YXLON**

Technology with Passion

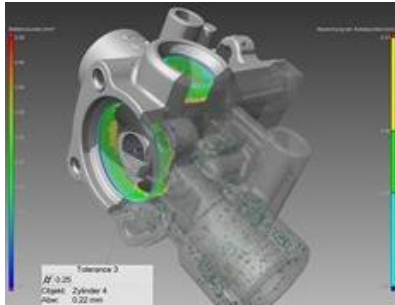
# We enable customers to optimize yield and produce safe, resource-optimized products



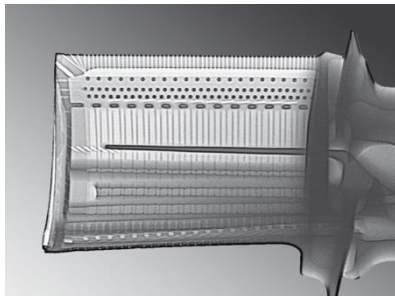
Smart  
Mobility



Environment &  
Saving  
Resources



Reliability,  
Safety and  
Performance



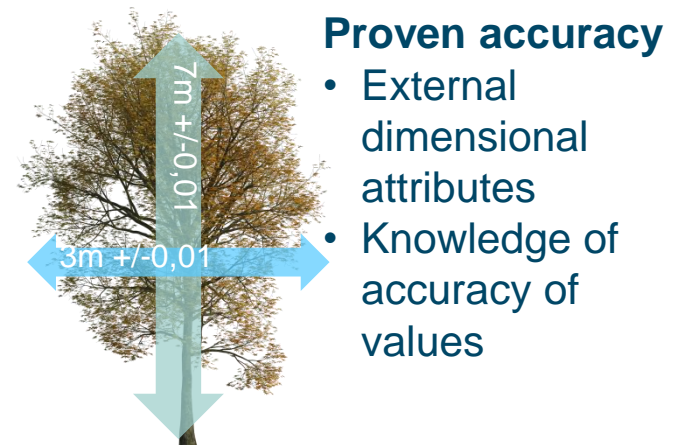
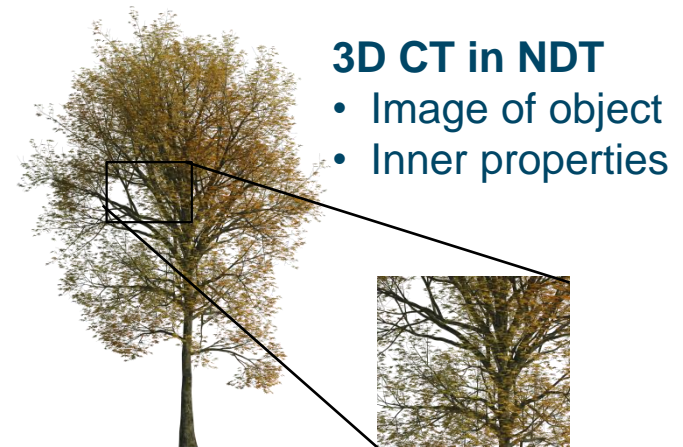
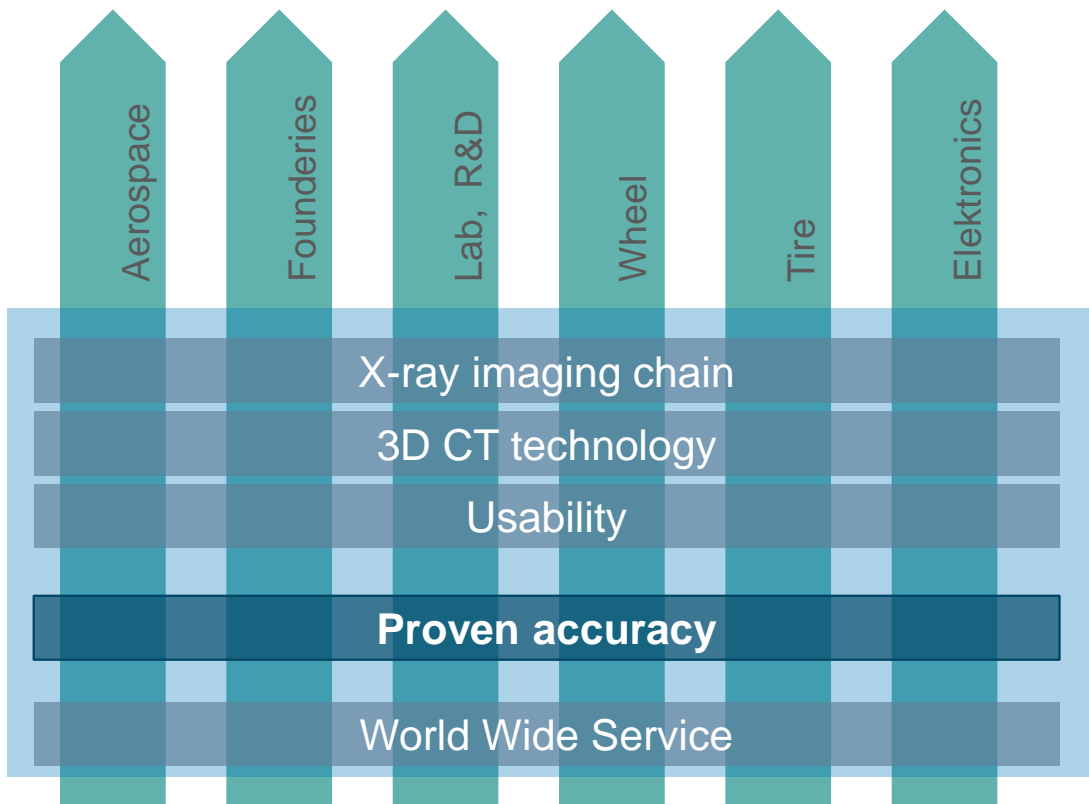
3 D is more and more disrupting industrial manufacturing and design processes

# Mastering automated X-ray imaging and exploring metrology as new application ...

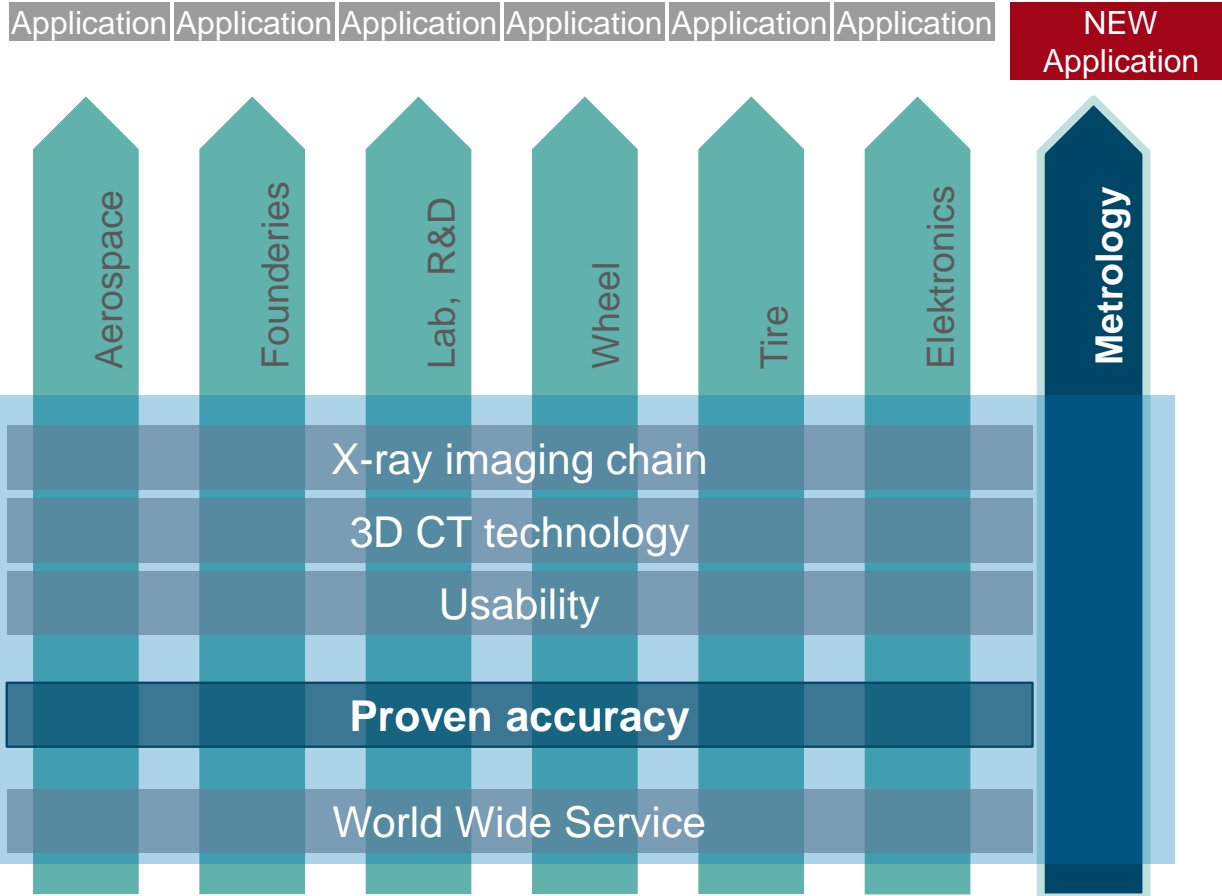


# Growth with Metrology: Proven accuracy is key in all core applications ...

Application | Application | Application | Application | Application | Application



# Proven accuracy is also key to open up new business applications in the metrology market



# Metrology: Addressing an additional market

## It's not only what's inside that counts

### Metrology

Industrial measuring of outside dimensions is a huge market:

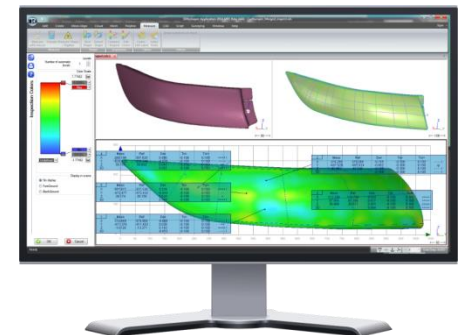
- Automotive: 950M\$ ('13)
- Aerospace: ~500M\$ ('13)
- Services: 720M\$ ('13)
- Medical
- Industrial

based on Frost & Sullivan and Transparency Market Research



Challenges for traditional measurement

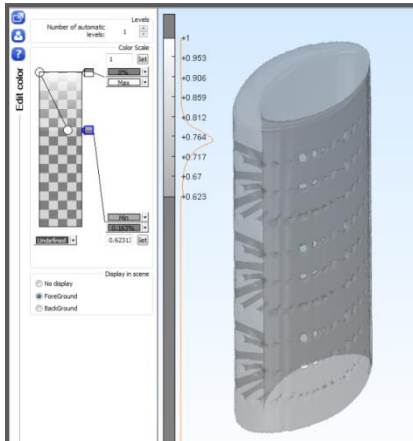
- Cannot measure complex external structures e.g. from 3D printers
- Time consuming setup procedure
- Few test points, individually defined
- Adds measurement effort & investment



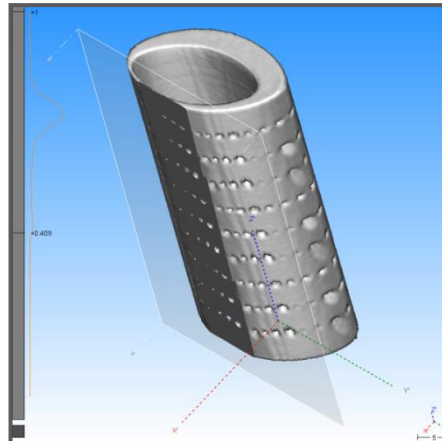
# Computer Tomography is ideal for addressing the needs of metrology customers

- CT not limited by complexity (but size)
- CT scan includes the complete object
- CT scan data is stored, so measurement can be done in the future
- ➔ CT is ideally positioned to address this huge market opportunity

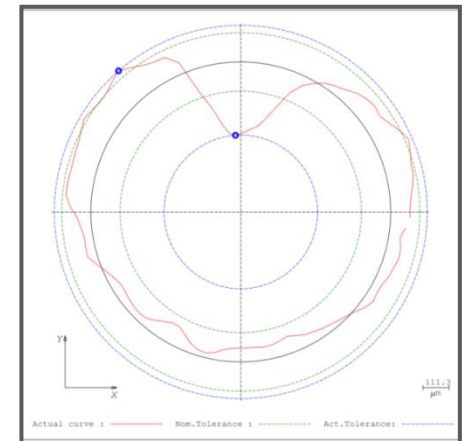
Complex internal cooling channels in 3D printed turbine blade



Hole locations at defined cross-section of CT scan data



Roundness inspection & measurement of hole at defined cross section of CT



# Partnering with Hexagon allows to combine strengths of two leading to create competitive advantage





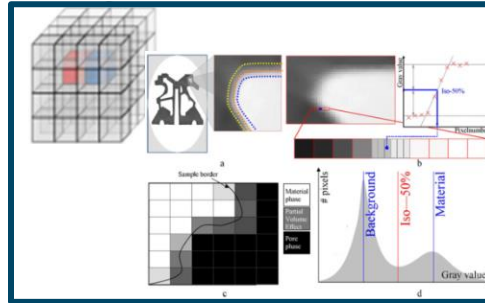
# Unique customer benefit through combination of strengths of YXLON and Hexagon

Metrology

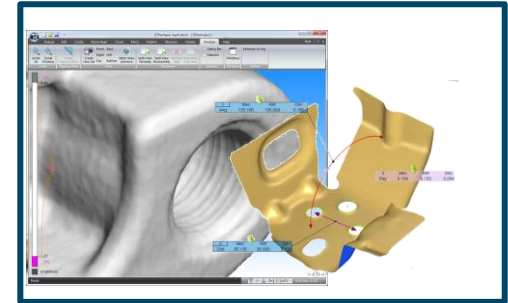
**Best 3D CT**



**Userfriendly interface**



**Marketleading measurement SW**



**One + One is more than Two: The ultimate 3D measurement device**

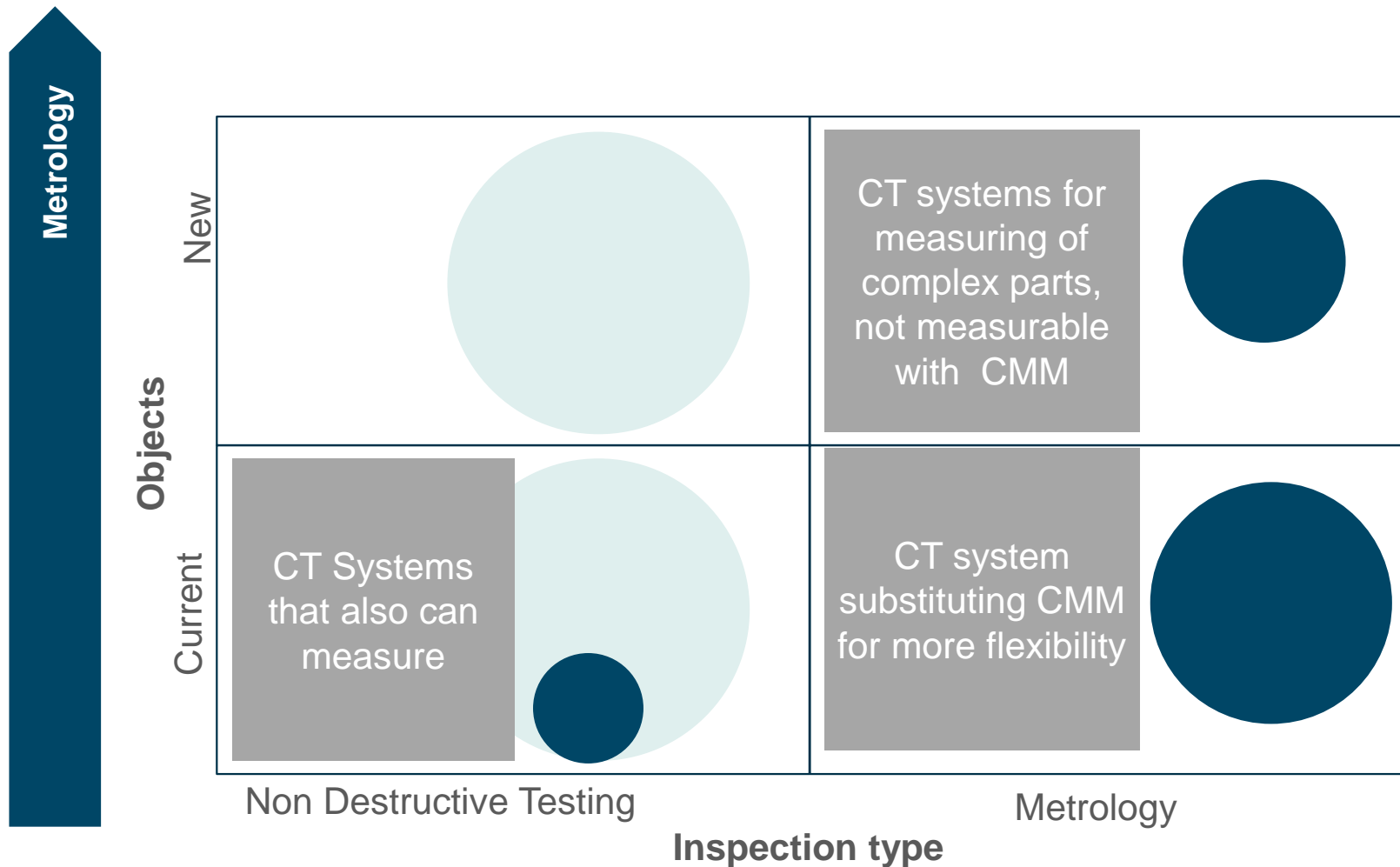
- Full integration of workflow from CT to measuring
- No additional tools, staying in established Quindos environment
- Highest measurement precision through joint development

**YXLON**

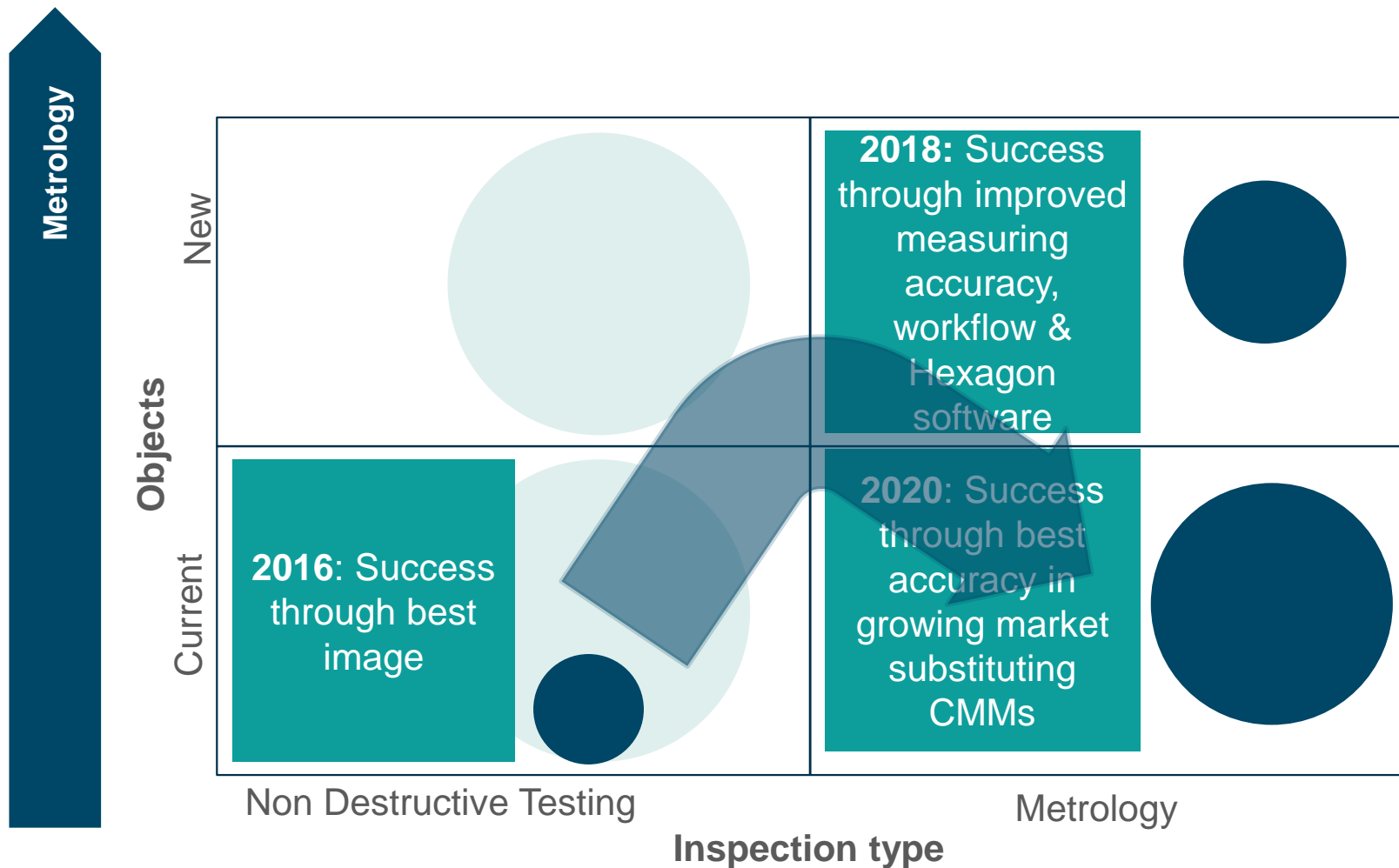


**HEXAGON**  
MANUFACTURING INTELLIGENCE

# Growth by tapping into the large metrology market and creating new opportunities



# Growth by tapping into the large metrology market and creating new opportunities



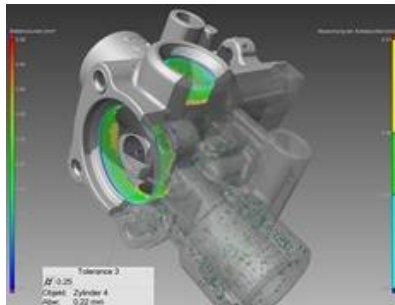
# Two initiatives for profitable growth



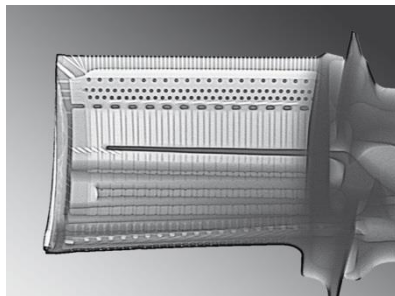
Smart  
Mobility



Environment &  
Saving  
Resources



Reliability,  
Safety and  
Performance



By mastering automated X-ray imaging and metrology and exploring metrology as new application our target is 40 to 50 CHFm additional sales until 2020

