



Smart Cities and Infrastructure

Digital Production and  
 Products – Industry 4.0



Future Mobility

Business Opportunities  
 for German and Korean  
 Companies

Energy for our Future

Dr.-Ing.

## Sophie Ertl

Maiwald Patentanwalts- und Rechtsanwalts-GmbH  
 Partner, Patent Attorney, European Patent Attorney



### Intellectual property protection of 3D printing inventions

Intellectual property rights provide exclusive rights to the applicants in order to enable them to attain commercial benefits from their creative efforts. Among various technologies, 3D printing technology has been emerged largely for industrial application. The focus of the presentation will be to show how 3D printing technologies including printing methods, printing devices, scanners, printing materials, printed objects, printing software and 3D object data can be protected in the various intellectual property right systems.

- Since 2017            Managing partner at Maiwald
- Since 2013            Patent Attorney at Maiwald
- 2006 – 2013          Patent Attorney and Trainee at Bardehle Pagenberg
- 2003 - 2006          Engineer at BMW, PhD at RWTH Aachen University
- 1998 - 2003          Graduation in Mechanical Engineering at TUM München

