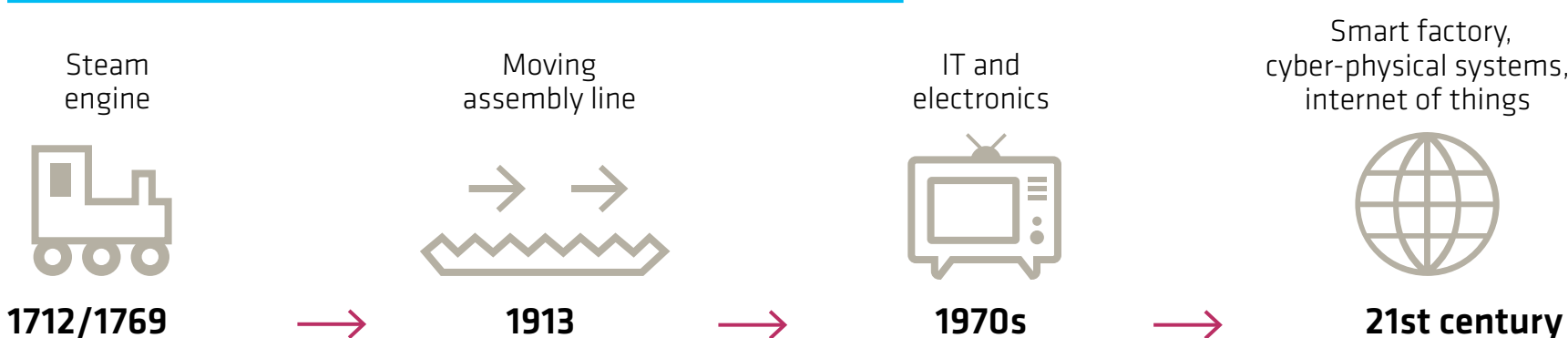


# The 4th

# Industrial Revolution



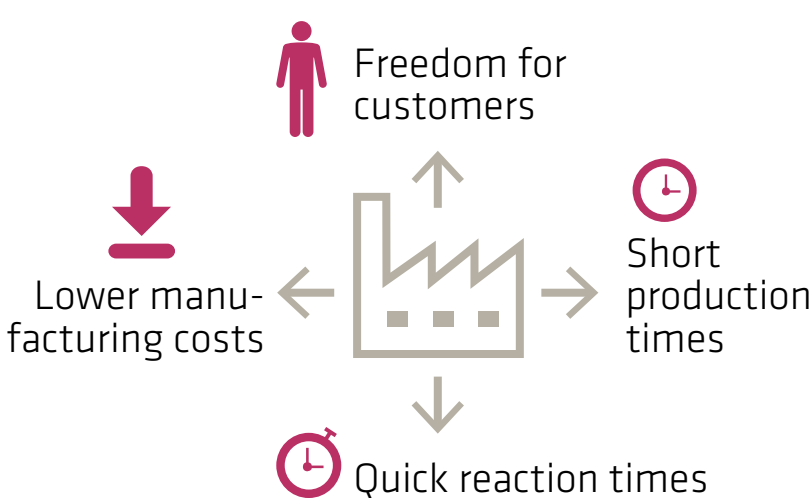
## Industrial Revolution over the time



## A product's lifecycle

- Individually designed products at manufacturing standards
- Intelligent machines align manufacturing processes
- Service robots and people work together
- Unmanned transportation vehicles handle logistics services

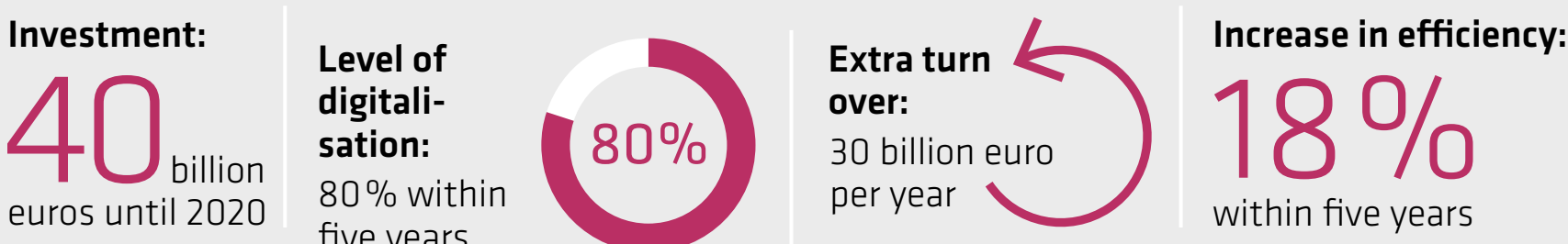
## The smart factory delivers ...



(StMWi Bayern Bayern: [www.iwconsult.de/regional/pdf/Industriebericht\\_Bayern\\_2014.pdf](http://www.iwconsult.de/regional/pdf/Industriebericht_Bayern_2014.pdf))

## Potential

### What German companies expect for their business



(PWC: [www.strategyand.pwc.com/media/file/Industrie-4-0.pdf](http://www.strategyand.pwc.com/media/file/Industrie-4-0.pdf))

### What analysts expect for industry until 2025



(BDI: [www.bdi.eu/media/presse/publikationen/information-und-telekommunikation/Digitale\\_Transformation.pdf](http://www.bdi.eu/media/presse/publikationen/information-und-telekommunikation/Digitale_Transformation.pdf))

## Bavaria on top of the development

**In great company:** National and international Global Players within a three hour drive (3h)

**Heavyweights on stock exchange:** 7 of 30 DAX companies are located in Bavaria

**Highest share of industry in gross value creation:**

Bavaria	26.5 %
Germany	22.2 %
USA	12 %
France	11%
UK	9 %

(StMWi Bayern: [www.stmwi.bayern.de/fileadmin/user\\_upload/stmwivt/Themen/Wirtschaft/Dokumente\\_und\\_Cover/2015-08-04- Daten-Fakten-Argumente.pdf](http://www.stmwi.bayern.de/fileadmin/user_upload/stmwivt/Themen/Wirtschaft/Dokumente_und_Cover/2015-08-04- Daten-Fakten-Argumente.pdf))

**Academic landscape:**

- 17 universities of applied sciences
- 9 state universities
- Max Planck Society
- Helmholtz Society
- Fraunhofer Society
- Leibniz Society

**Europe's most important ICT location**

**State of engineers:** 2013, 215,000 employees generated a turnover of more than 45 billion euros

(\*BR: [www.br.de/fernsehen/bayerisches-fernsehen/sendungen/geld-und-leben/hannover-messe-industrie-104.html](http://www.br.de/fernsehen/bayerisches-fernsehen/sendungen/geld-und-leben/hannover-messe-industrie-104.html))

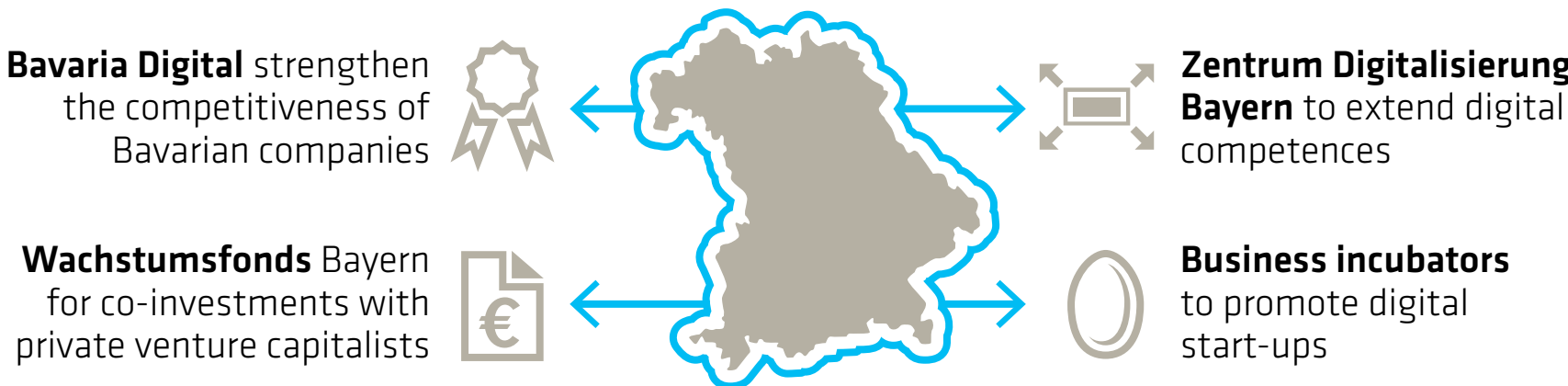
**Clusters in key technologies:** automotive, mechatronics & automation, sensor technology, environmental technology

**Vivid start-up scene**

**Easy access to neighboring countries**

(GE Global Research: [www.geglobalresearch.com/locations/munich-germany/work-and-life](http://www.geglobalresearch.com/locations/munich-germany/work-and-life))

## How Bavaria supports industrial development



# Tap into new business opportunities