

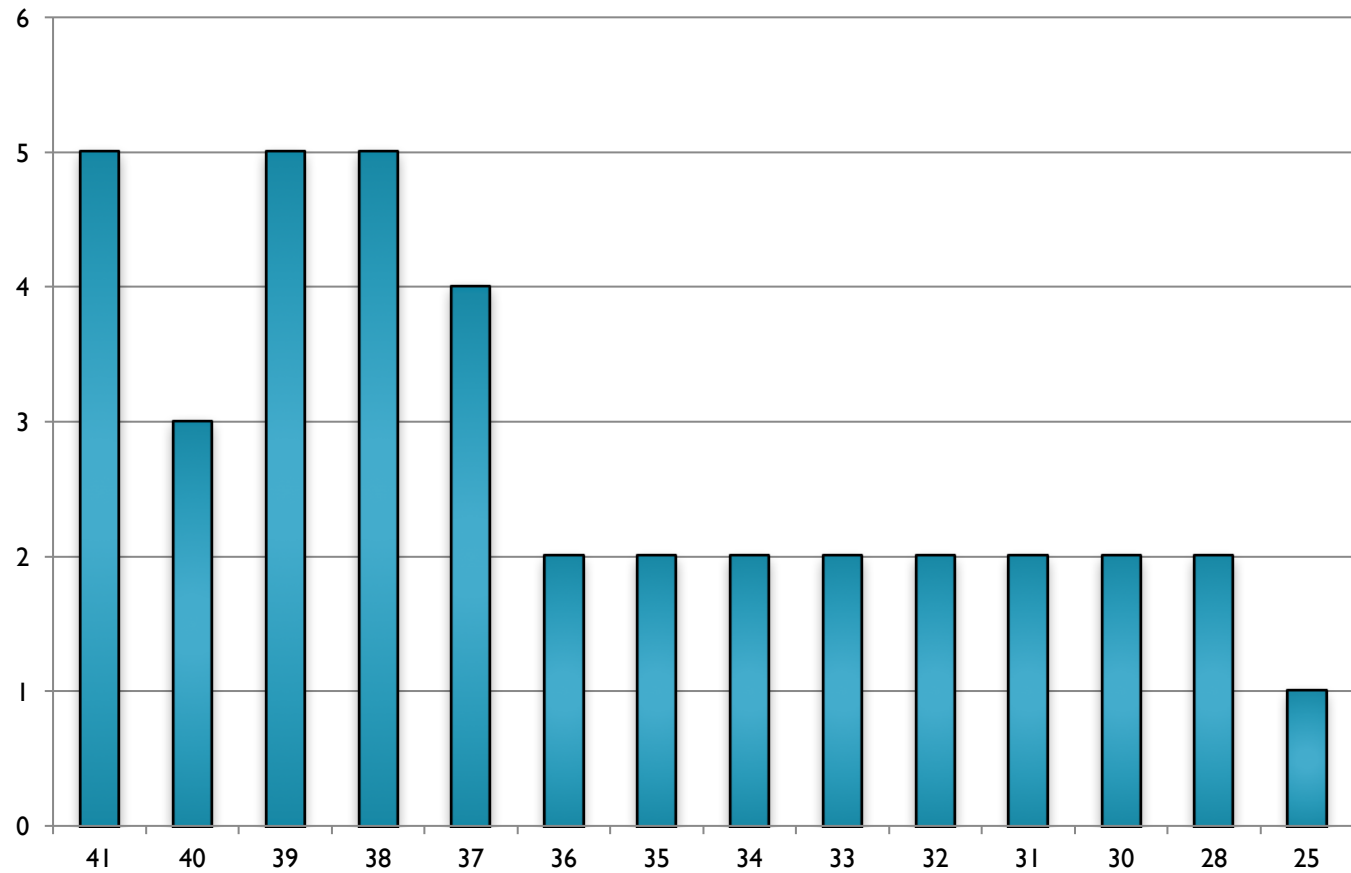


Week 7:

MIS 3537: Internet and Supply Chains

Mid-Term Test Results

Mid-Term Test Results





Week 7:

MIS 3537: Internet and Supply Chains

METRO Group Case

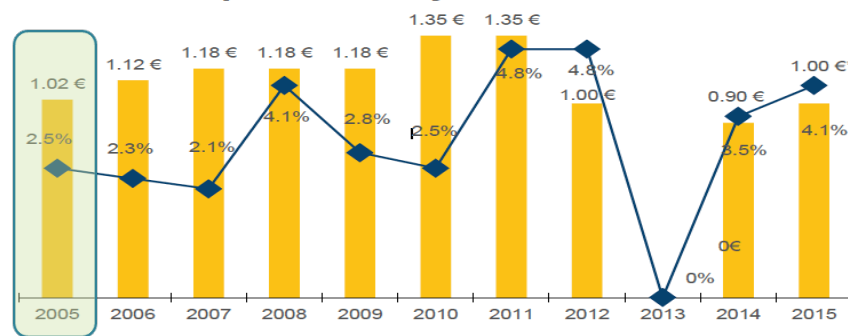
The Spirit of Commerce

METRO Group

The Spirit of Commerce

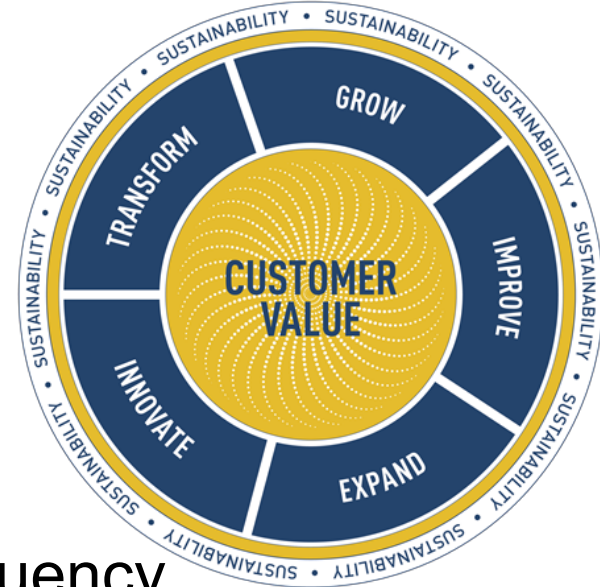


Dividend per Ordinary Share



Dividend

Dividend yield



- 2007: 'With the comprehensive implementation of the Radio Frequency Identification (RFID) in Germany, METRO GROUP ensures even better supply chain efficiency. Deliveries are automatically registered at 180 locations of METRO Cash & Carry and Real as well as in the central warehouses of MGL METRO GROUP
- Subsequent years: corporate focus on 'customer' value, portfolio changes, sustainability

Recent CEO Comments

METRO Group

The Spirit of Commerce

- “... , the company met its sales and earnings targets for the financial year. ... The successes of our transformation have become clearly evident in terms of operations,”
- “Digital solutions will fundamentally change the hospitality industry,”
Olaf Koch, Chairman of the Management Board at METRO AG
Restaurants, hotels and catering companies are a crucially important customer group for METRO Cash & Carry
- “We want to contribute intensively to this upcoming change by identifying the best ideas that create added value for our customers and by helping start-up entrepreneurs on their way to establishing a sustainable business. We envision enormous potential for this industry with the digitalization of the hospitality sector,” Olaf Koch.

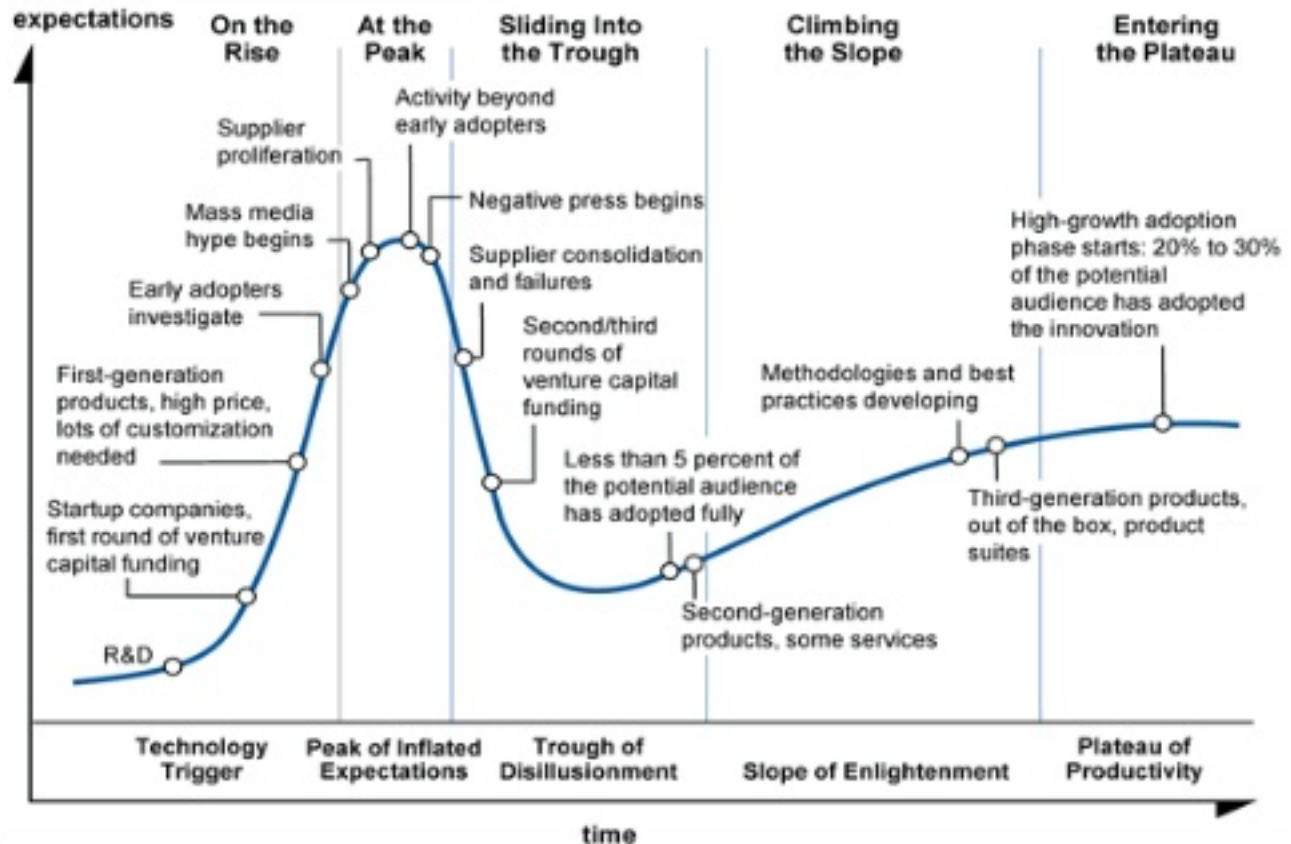
[Techstars Accelerator Demos](#)



Fox School of Business
TEMPLE UNIVERSITY

New Technology Adoption Cycle

Hype Cycle development

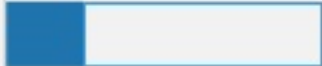










Source: Gartner

INTERNET OF THINGS IN THE FUTURE

Economic Value



IOT-SEGMENT	IOT —APPLICATIONS	IOT-VALUE BY 2025 (IN \$ BILLION)
People	Monitoring bodily functions	 170- 1,590
Smart Home	Home automation, security	 200-350
Business	Automatic checkout, warehouse optimizing	 410-1,160
Offices	Energy management, security	 70-150
Factories	Higher efficiency, optimized use of machinery	 1,210-3,700
External Production Plants	Higher efficiency, scheduled maintenance, health, safety	 160-930
Cars	Condition based maintenance, higher security	 210-740
Cities	Traffic control, smart meters, environmental monitoring	 930-1,660
Traffic	Real-time routing, autonomous cars, package tracking	 560-850

What can be Said For or Against

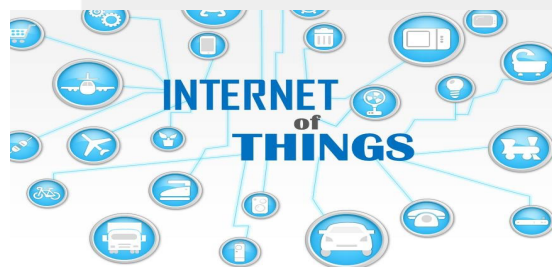
PRO

- Customers and companies interact continuously
- Private users experience more comfort and safety
- Companies benefit by reducing costs, improving efficiency and making good use of resources
- Improves quality of life
- Data storage

CONTRA

- A human loses autonomy, freedom of choice and control; everything is taken over by networking and machine intelligence
- Unmanageable complexity
- High requirement for maintaining device compatibility
- Devices must constantly be updated
- Lack of privacy

V
S



Break Time



- Questions!