



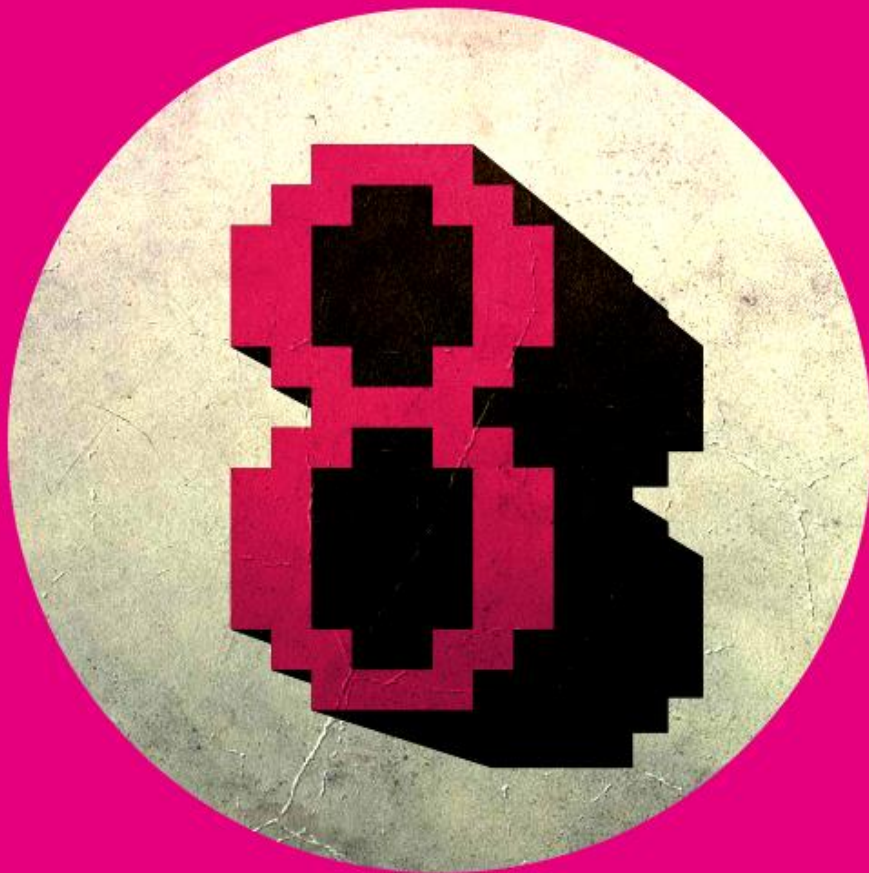
## Factor 10 / X

The "rich of this world" will have to invent ways to generate their wealth with a factor of 10 less of their present consumption in order to let the "poorer" nations claim their fair share of resources.



# 9 per cent

From 120 German higher education institutions only 9% offer courses and solely 2% offer degree programs that focus on ecodesign or sustainable design.



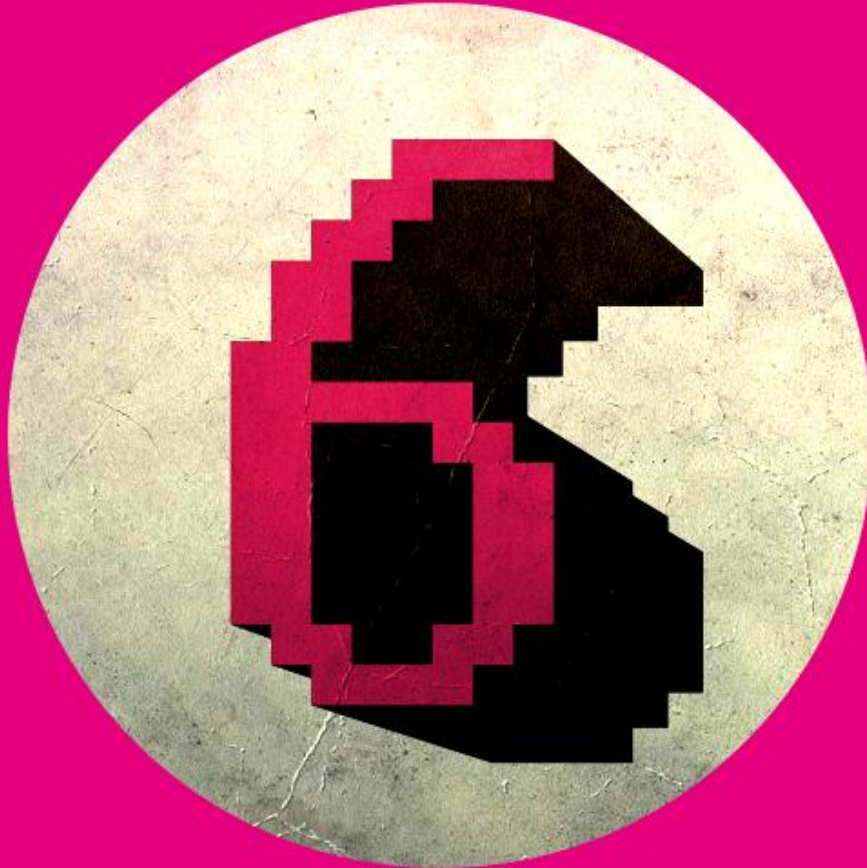
# 8-fold

During the last (20<sup>th</sup>)  
century, global materials  
use increased 8-fold.



# 70 per cent

**Cities consume about 70% of global resources and of all energy produced, emit 70% of all greenhouse gases and generate about 70% of global waste.**



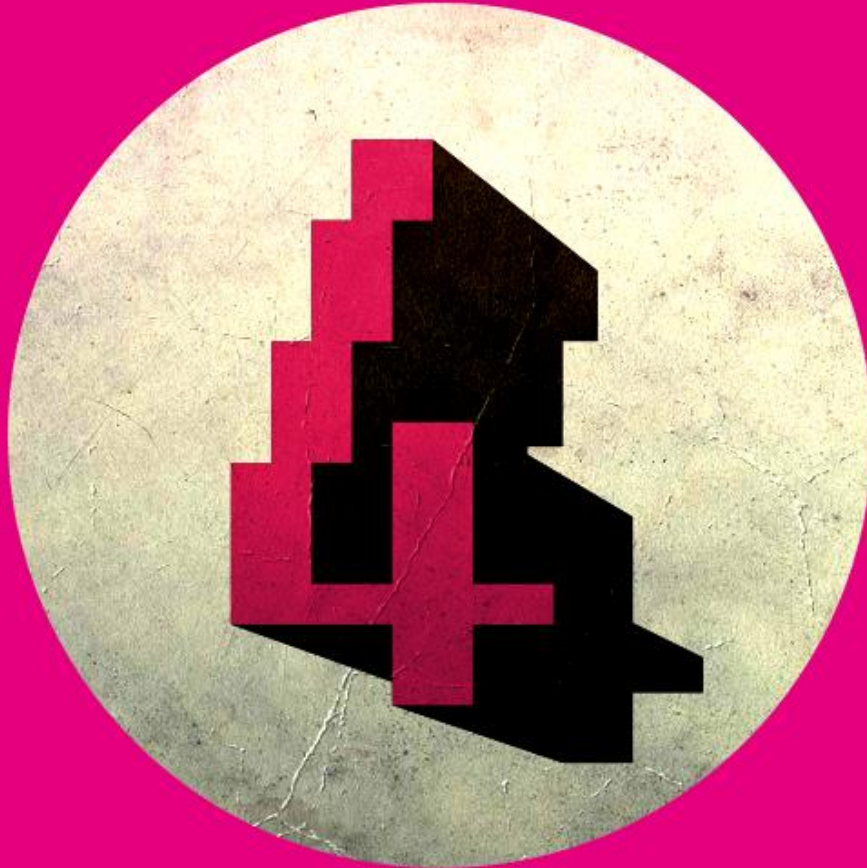
## 6<sup>th</sup> event

**Dwindling population sizes and range shrinkages amount to a massive anthropogenic erosion of biodiversity and of the ecosystem services. This is the 6th mass extinction event on Earth.**



# 5 per cent

To date, less than 5% of rare earths are recycled from end-of-life electronic devices.



## 4 effects

**There are four effects of digitalisation on energy consumption. Instead of saving energy, digitalisation has brought additional energy consumption.**



## One third

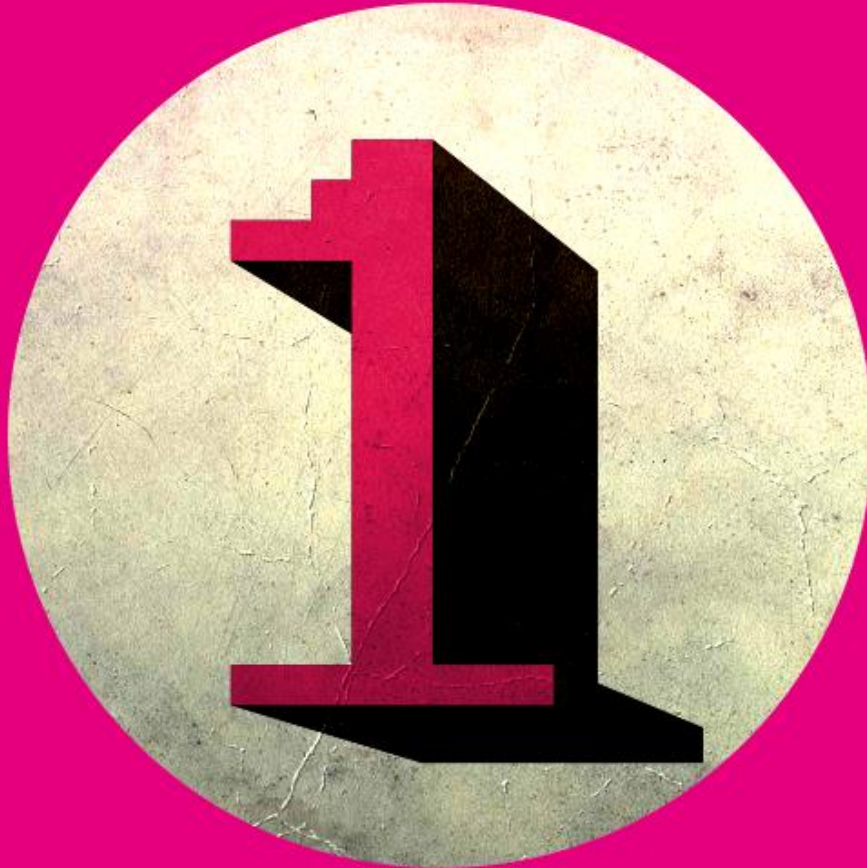
Every year around the globe 1.3 billion tonnes of food is lost or wasted, that is a 1/3 of all food produced for human consumption.





# Two megatonnes

**Almost 2 megatonnes  
(200.000 t) of plastics  
remain in the environment  
in Germany (even after  
cleaning measures).**



# August 1st

**Earth Overshoot Day:  
According to Global  
Footprint Network, on  
August 1 humanity has  
used nature's resource  
budget for the entire year  
2018.**