

2020 Environmental Goals

Not all are applicable to ATM. Adjustment or Alternative Target are required.

2020 Environmental Goals

Greenhouse Gas Emissions. Reduce direct greenhouse gas emissions by 10% on a per chip¹ basis by 2020 from 2010 levels

Water. Reduce water use on a per chip¹ basis below 2010 levels by 2020

Energy.

Achieve additional energy savings of 1.4 billion kWh from 2012 to 2015, and publish additional energy conservation targets for 2016–2020 in our 2012 report

Waste Reduction and Recycling:

- Achieve zero chemical waste to landfill by 2020
- Achieve 90% solid waste recycle rate by 2020
- Reduce chemical waste generation by 10% on a per chip basis¹ by 2020 from 2010 levels

Green Chemistry. Implement an enhanced green chemistry screening and selection process for 100% of new chemicals and gases by 2020

Green Buildings. Design all new buildings to a minimum LEED* Silver Certification between 2010 and 2020

Product Energy Efficiency. Increase the energy efficiency of notebook computers and data center products 25x by 2020 from 2010 levels²

¹ Assuming a typical chip size of approximately 1 cm² (chips vary in size depending on the specific product).

² Data center energy efficiency is determined by server energy efficiency (as measured by SPECpower_ssj2008 or equivalent publications and using a 2010 baseline of an E56xx series processor-based server platform) as well as technology adoption that raises overall data center work output (such as virtualization technology). Notebook computer energy efficiency is determined by average battery life, battery capacity, and number of recharge cycles of volume notebook computers in that model year.