

# Sustainable Impact at HP

Elisa Varela / October 12, 2018

HP Account Manager – Supplies Specialist

River Sharavathi, Western Ghats of India. Courtesy of Sunil Sachi.





# Facing the challenges of this century

- Global population is on pace to hit 9.8 billion by 2050
- More than 263 million children and youth worldwide are out of school
- Global middle class reached 3.2 billion by 2016 and is expected to grow
- In the next 20+ years, energy use will rise 28%, while global demand for water will increase 20-30% per year



Number of Earths we'll need by 2050



# HP's Sustainable Impact strategy

## Planet



## People



## Community





# Overcoming society's greatest challenges





# United Nations Sustainable Development Goals



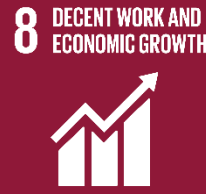
## Planet

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## People

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## Community

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# Planet: Key 2017 achievements

Reached several of our goals early

- Scope 1 and Scope 2 GHG emissions from operations reduced by 35%
- 50% renewable electricity use in operations
- 33% decrease in product GHG emissions intensity
- 18,000+ tonnes of recycled plastic used in products
- 170 tonnes of likely ocean-bound plastic sourced from Haiti (as of March 2018)
- 270,000+ tonnes of hardware and supplies recycled since the beginning of 2016



# Protecting the planet

Reinventing how we design, manufacture, and collaborate across the entire value chain

Developing products that drive progress toward a more efficient, circular, and low-carbon economy

Reducing the environmental impact of our operations and partnering with suppliers to improve theirs

3D data courtesy of Invent Medical

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# Propelling a more circular economy

Closed-loop processes create more efficient options for products at their end-of-service

Service-based models reduce product footprints

Future – 3D printing will transform how the world designs, makes, and distributes goods





# Recycling products while rebuilding lives

Creating good jobs for people  
who face employment barriers

Plastics recovered from used  
printers incorporated into HP's  
closed-loop recycling process

Partnership helps increase value  
of human and natural resources

[https://youtu.be/k3o80\\_Tqfw?list=PLoMwRIiUViGSXBBveyqol0DxH-p6i2Wp2](https://youtu.be/k3o80_Tqfw?list=PLoMwRIiUViGSXBBveyqol0DxH-p6i2Wp2)



# Advancing responsible recycling in Haiti

Providing workers with educational, training, and healthcare opportunities

Purchasing recycled PET plastic to manufacture new HP print cartridges

Driving a more inclusive circular economy by opening up markets for collected plastic

Sourced more than 170 tonnes of likely ocean-bound plastic (over 8.3 million plastic bottles)

<https://youtu.be/ibSkbHetqvY>



# China and its crop straw

Among the major agricultural nations,  
with crop straw resources ranking first  
in the world

As farmers in China harvest their  
cereal crops, more than 600 million  
tonnes of straw are left behind

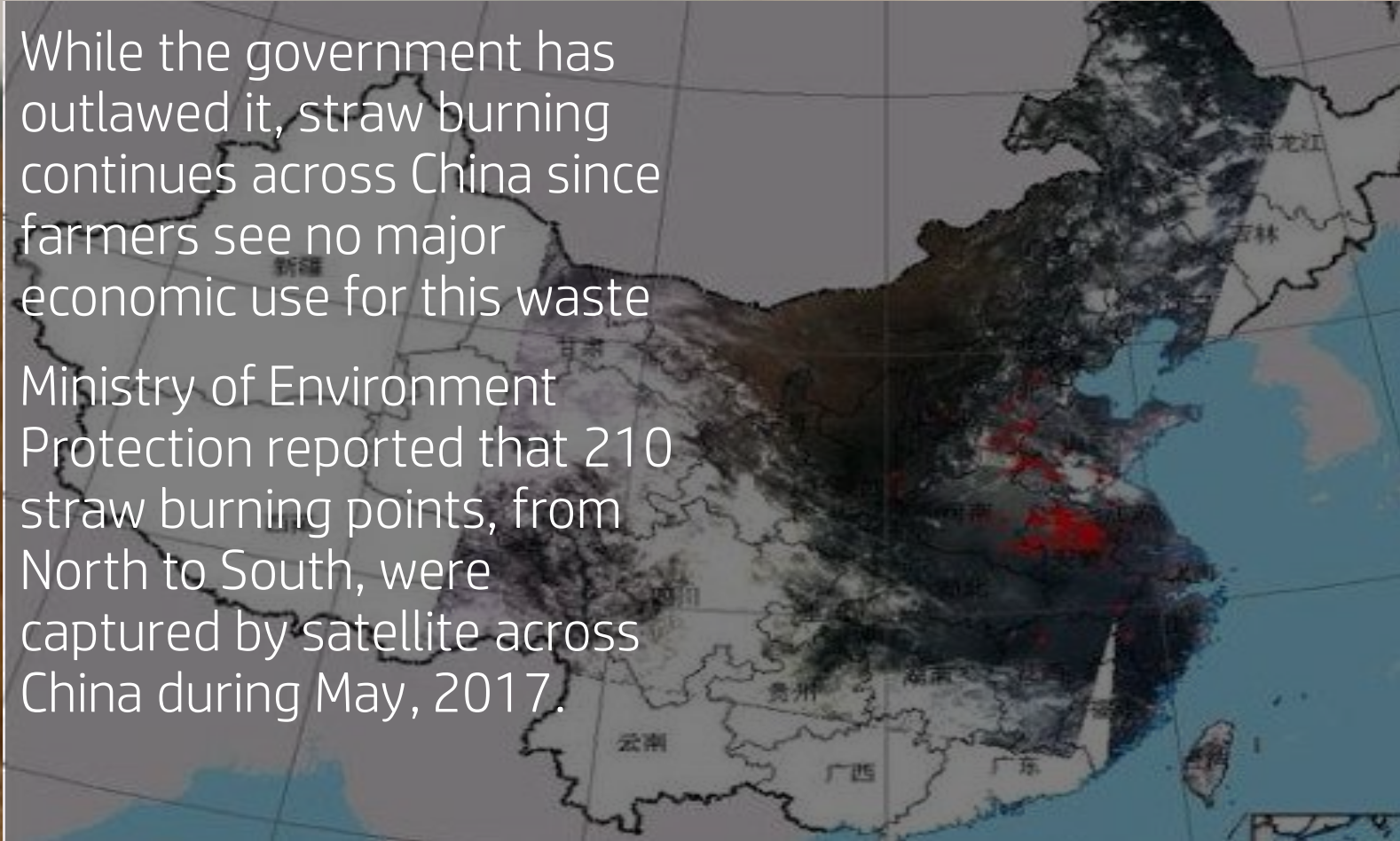




# Burning of straw

While the government has outlawed it, straw burning continues across China since farmers see no major economic use for this waste

Ministry of Environment Protection reported that 210 straw burning points, from North to South, were captured by satellite across China during May, 2017.





# Straw pallet program

Systematic burning is significant source of air pollution

First IT company to replace wood pallets with straw pallets

More than 50,000 pallets made from over 2,500 tons of straw used since 2017

Program helps reduce environmental impact, improve economic opportunities, and enhance quality of life

Illustrates HP's shift to a more efficient, circular and low-carbon economy





# People: Key 2017 achievements

6% increase in factory participation in supply chain sustainability programs since 2015

Reached nearly 250,000 supplier factory workers through skill-building and well-being programs

Maintain leadership role in the Responsible Business Alliance, a consortium of 100+ stakeholders that drives positive change in IT supply chains



# Building sustainable supply chains

Every minute of every day, HP delivers 103 PCs, 76 printers, and 640 supplies to customers all over the world. To meet customers' needs, we rely on one of the IT industry's largest supply chains, composed of hundreds of production suppliers<sup>2</sup>.





# Reducing carbon emissions

Set goal to reduce the carbon footprint of our supply chain

Programs help suppliers build capabilities, increase efficiencies, and implement improvement processes

More than 1.05 million tonnes of CO<sub>2</sub>e emissions prevented

Suppliers have saved more than 665 million kWh in electricity and an estimated \$86 million



# Combating worker abuses

Set standards to protect vulnerable populations in our supply chain

Conducted assessments with suppliers in high-risk areas

Launched training for procurement staff

Founding member of the Leadership Group for Responsible Recruitment





# Mining responsibly

HP works to ensure metals used in our supply chain are not associated with violence or human rights abuses

Production suppliers required to adopt conflict minerals policies and report out on smelters they use

Collaboration with businesses, NGOs, governments, and suppliers advances use of responsibly sourced minerals

91% of smelters are conflict free or on the way to becoming conflict free



# Community: Key 2017 achievements - impact in communities

Employees contribute time and skills in their communities

89,000+ volunteer hours, valued at \$3.5 million, used in 2017

HP and its employees provide support when disaster strikes

\$1.7 million in cash given by employees in 2017



A photograph of two women wearing hijabs, one in white and one in grey, looking at a computer monitor. The woman in the grey hijab is smiling. In the background, a man is partially visible. The HP logo is visible on the computer monitor.

# HP LIFE

Users have access to free online business and IT skills courses

Educators use program to enrich their curriculums

Training helps create jobs, strengthen local communities, and build sustainable futures

Set a goal to enroll 1 million aspiring entrepreneurs in HP LIFE between 2016 and 2025



A close-up photograph of a vibrant green leaf, likely from a plant, covered in numerous small, glistening water droplets. The droplets are of various sizes and are scattered across the surface of the leaf, which has a prominent vein pattern. The background is a soft, out-of-focus green, suggesting more foliage. Overlaid on the center of the image is the text "Thank you" in a clean, white, sans-serif font.

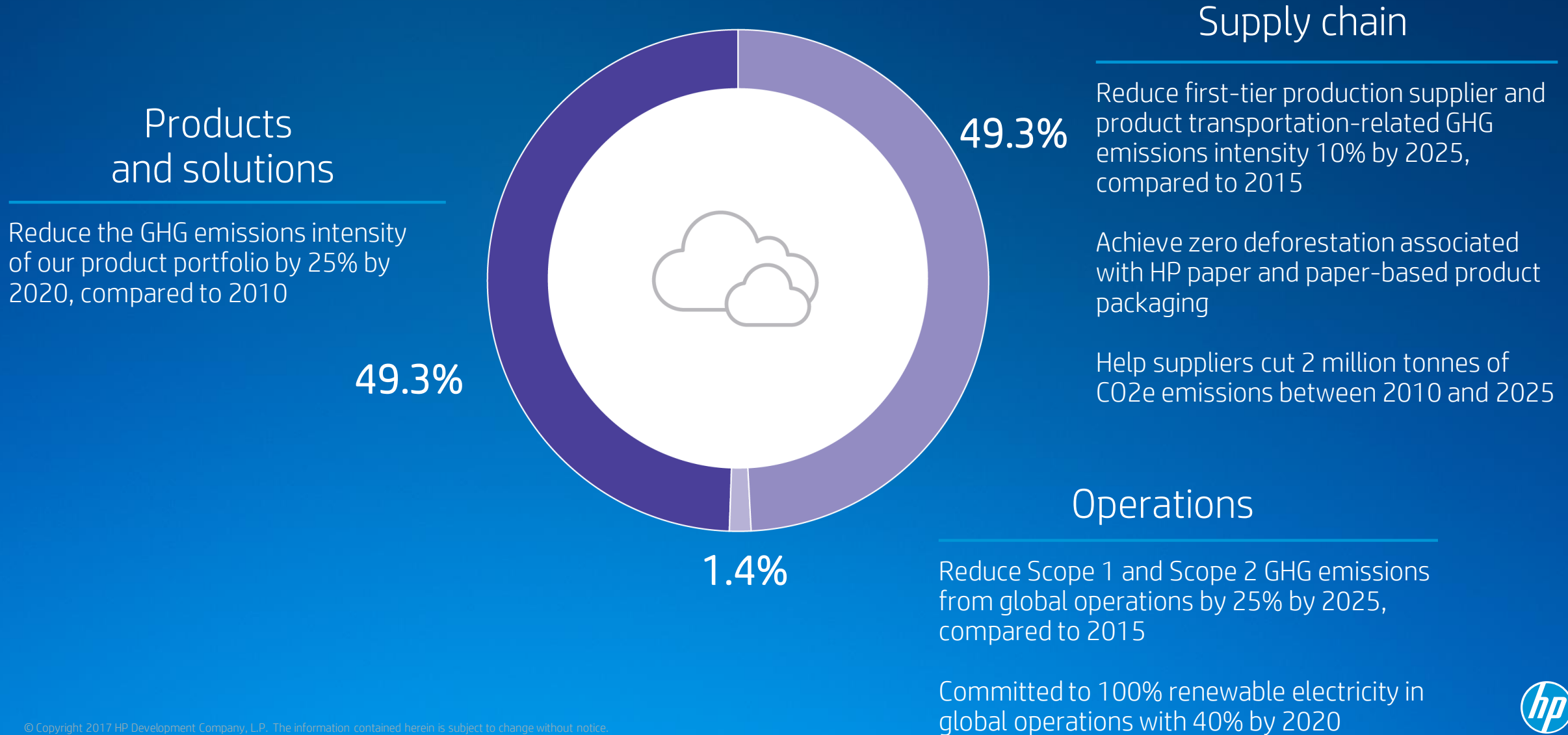
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# Back-up slides (optional)

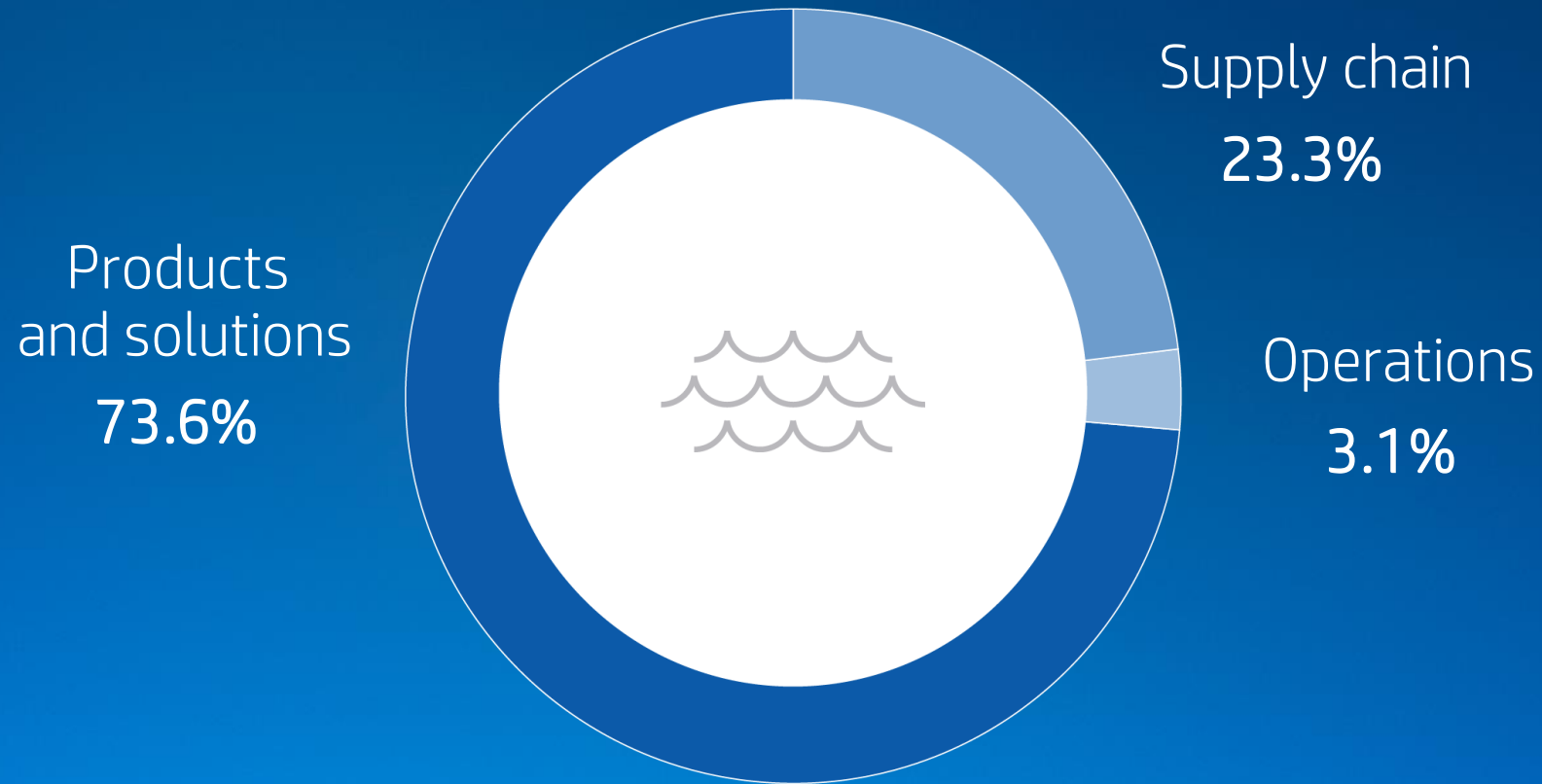


# HP's global emissions impact and goals





# HP's global water footprint and goal

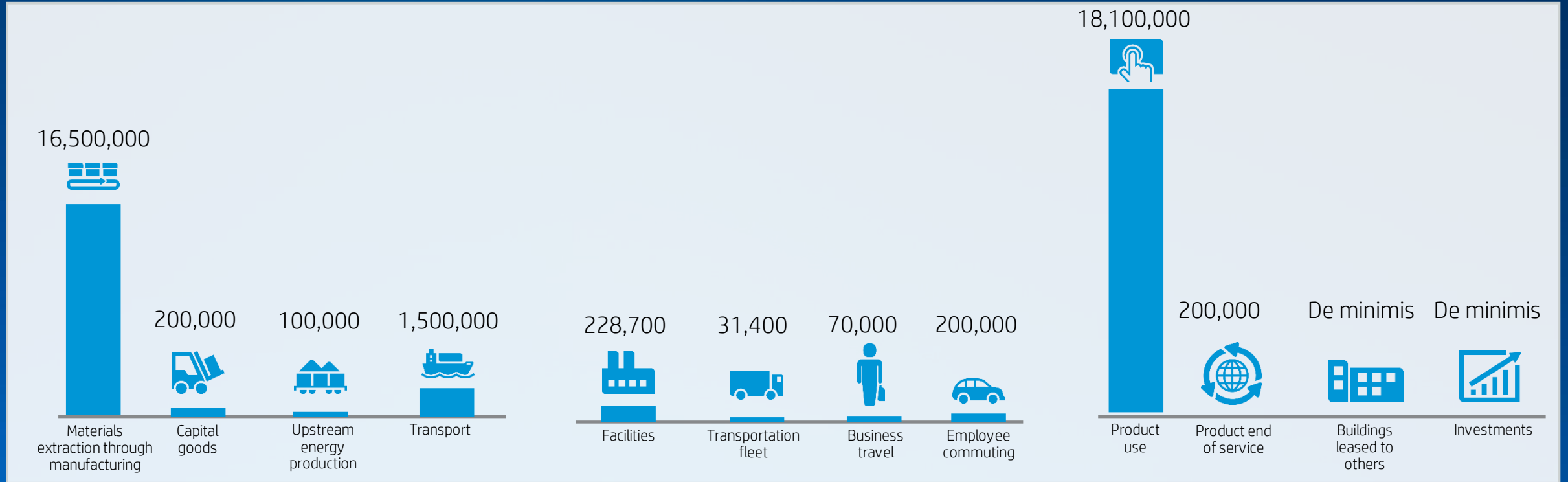


## Water goal

Reduce potable water consumption in global operations by 15% by 2025, compared to 2015



# HP's global emissions impact and goals



## Supply chain (49.3%)

Reduce first-tier production supplier and product transportation-related GHG emissions intensity 10% by 2025, compared to 2015

Achieve zero deforestation associated with HP paper and paper-based product packaging

Help suppliers cut 2 million tonnes of CO2e emissions between 2010 and 2025

## Operations (1.4%)

Reduce Scope 1 and Scope 2 GHG emissions from global operations by 25% by 2025, compared to 2015

Committed to 100% renewable electricity in global operations with 40% by 2020

## Products and solutions (49.3%)

Reduce the GHG emissions intensity of our product portfolio by 25% by 2020, compared to 2010





# 2017 Sustainable Impact Report

Highlights achievements in areas of planet, people, and community

Illustrates solutions to address many of society's greatest challenges

Outlines HP's goals and progress to date

[www.hp.com/sustainableimpact](http://www.hp.com/sustainableimpact)