



Supporting Sustainable Development

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How Technology Supports Sustainable Development

<http://www.cisco.com/c/en/us/solutions/industries/smart-connected-communities.html>

Scroll down and click on “See the transformation” on the right-hand side

Complementary Missions and Agendas

- **World Trade Organization**

- Information Technology Agreement
- General Agreement on Trade in Services
- Trade Facilitation Agreement
- Environmental Goods Agreement



- **Basel, Rotterdam, Stockholm Conventions**

- BC: Technical Guidelines on Used Equipment and e-Waste

- **UN Conference on Trade and Development**

- e-Commerce / Digital Economy
- Circular Economy



PRINCIPLE

1

Preserve and enhance natural capital by controlling finite stocks and balancing renewable resource flows
ReSOLVE levers: regenerate, virtualise, exchange

Renewables flow management



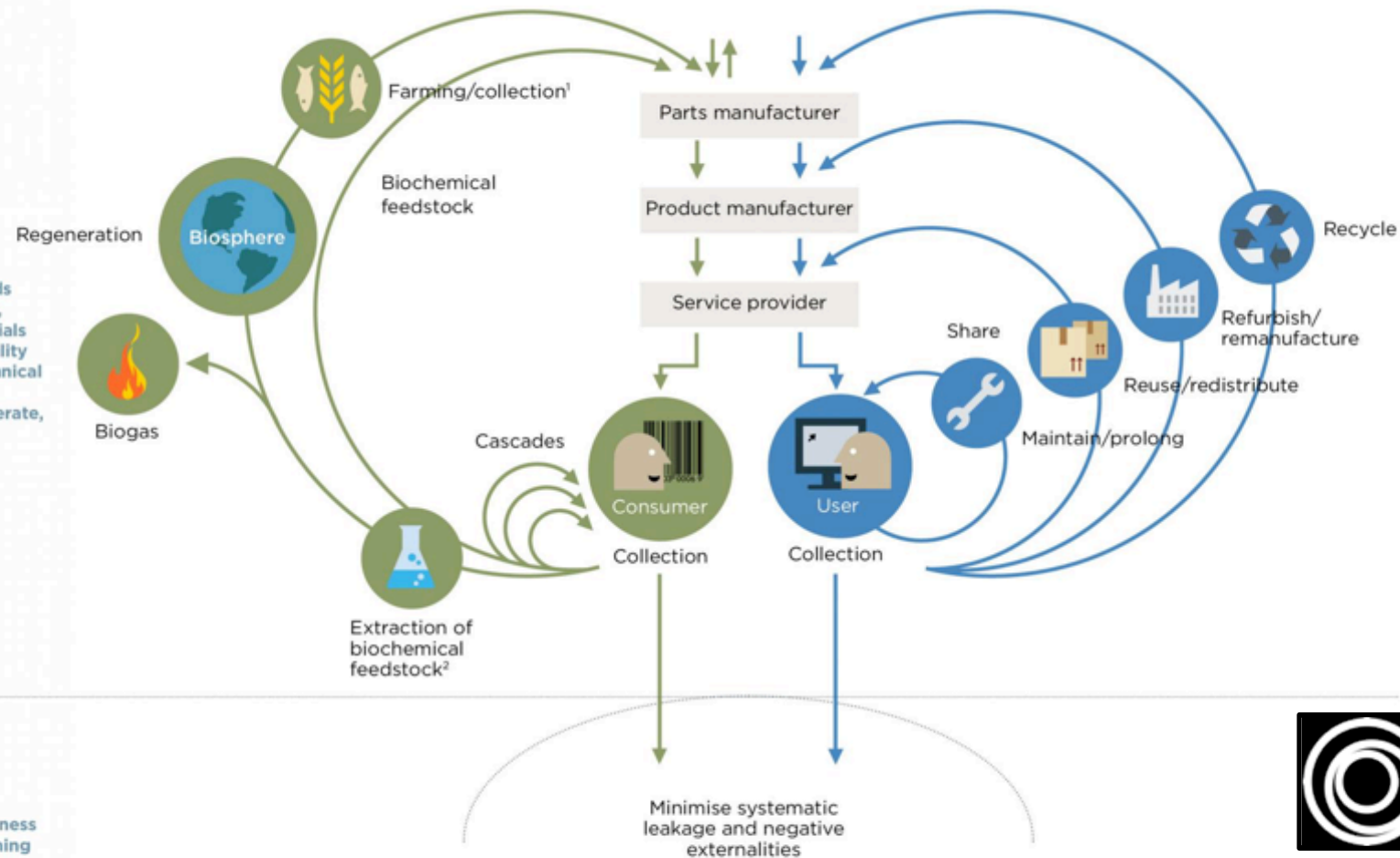
Regenerate Substitute materials Virtualise Restore

Stock management

PRINCIPLE

2

Optimise resource yields by circulating products, components and materials in use at the highest utility at all times in both technical and biological cycles
ReSOLVE levers: regenerate, share, optimise, loop



PRINCIPLE

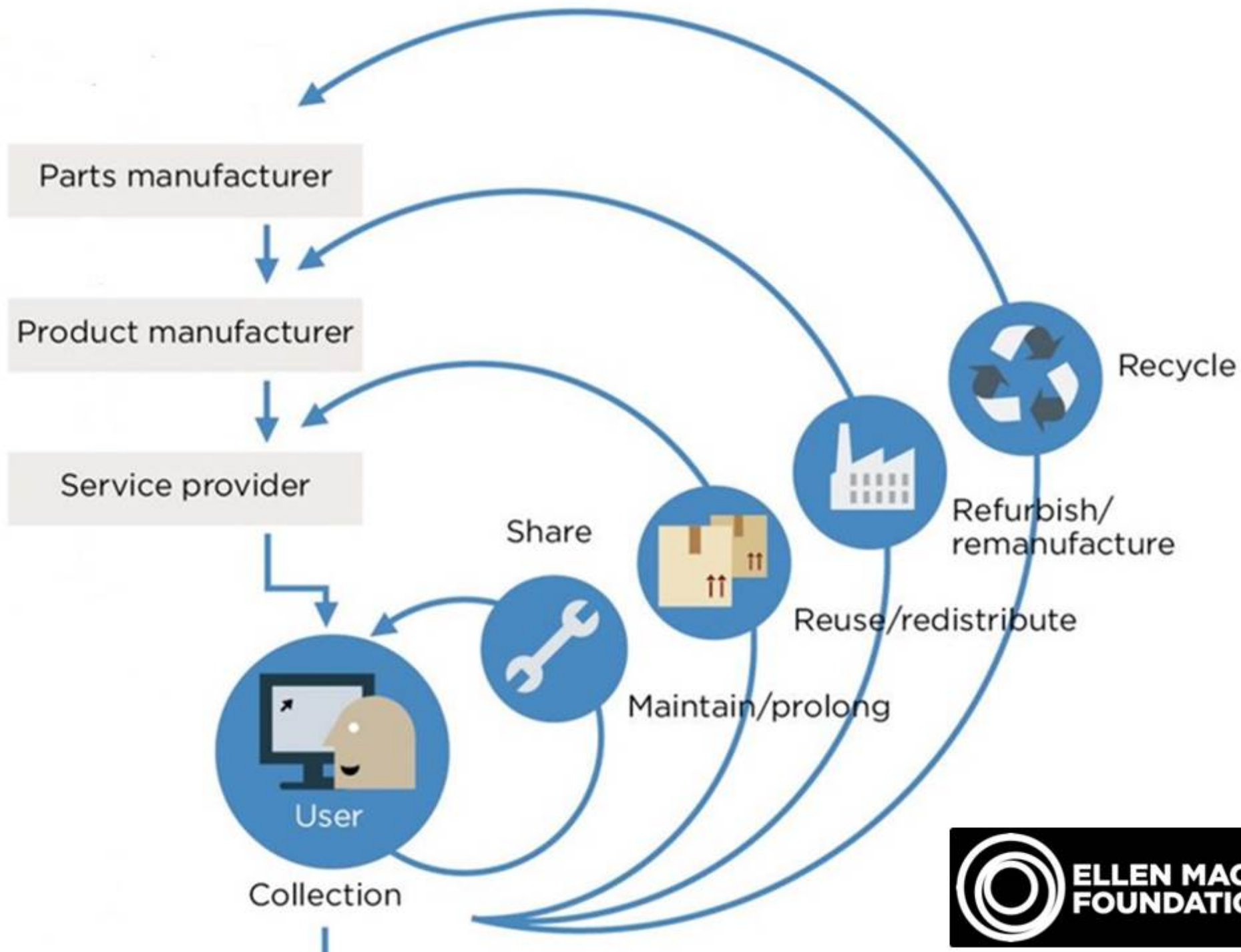
3

Foster system effectiveness by revealing and designing out negative externalities
All ReSOLVE levers



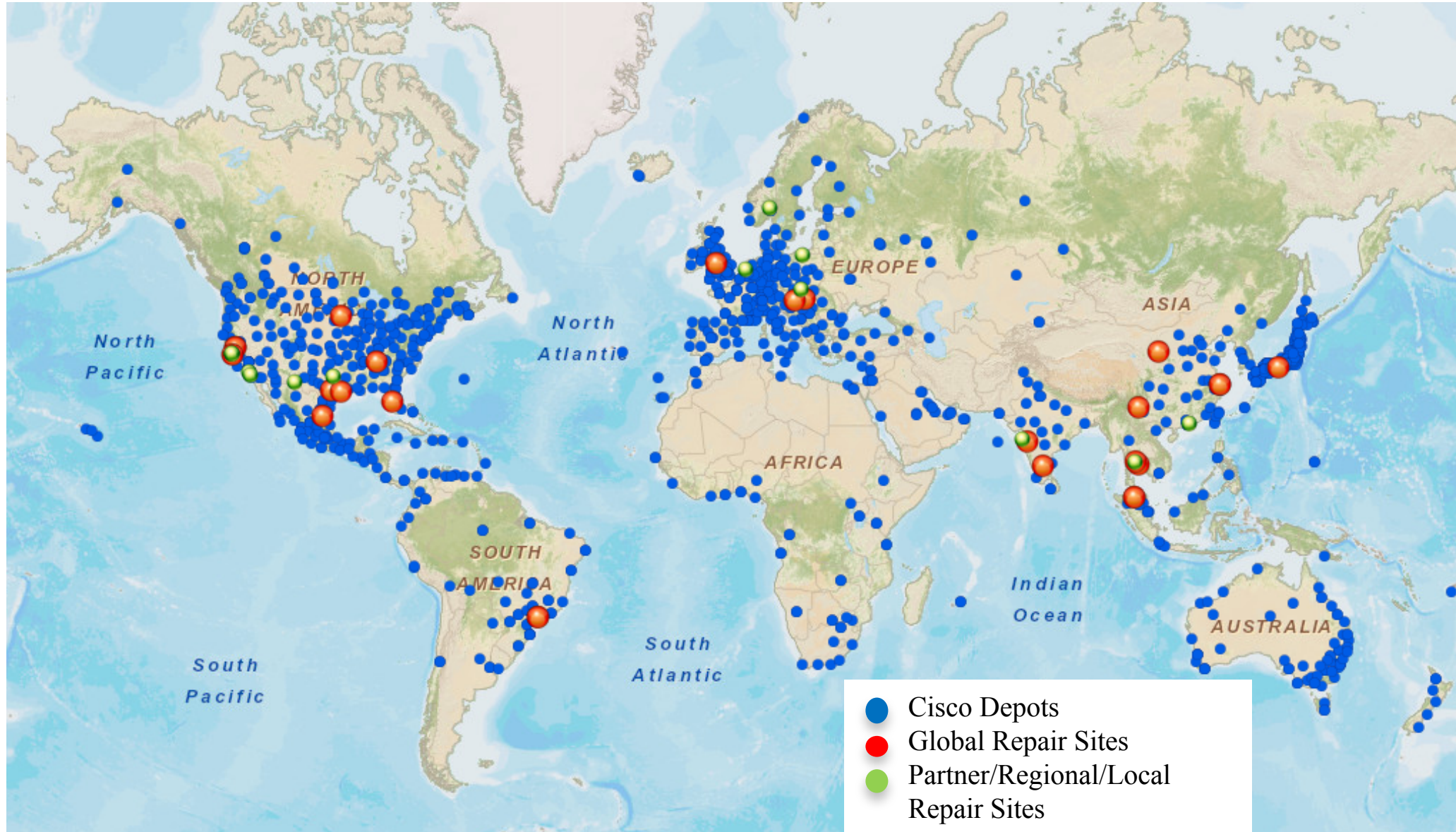
1. Hunting and fishing
2. Can take both post-harvest and post-consumer waste as an input

Source: Ellen MacArthur Foundation, SUN, and McKinsey Center for Business and Environment; Drawing from Braungart & McDonough, Cradle to Cradle (C2C).





Cisco Depots and Repair Sites



Synergies



Thank you.

