



# R2 2024

# Impact

THE R2 NETWORK'S COLLECTIVE IMPACT IN 2024



In 2024, the R2 Network's 1,245 certified facilities achieved:

## 4.47 B

**4.47 billion kilograms of CO2 emissions avoided.** Equivalent to removing *970,000 passenger vehicles* from roads for one year.

## 8.48 Billion

**8.48 billion kilograms of electronic materials managed.** Materials returned to productive use rather than landfills or improper disposal.

## 119.6 Million

**119.6 million devices kept in productive use.** Through repair, refurbishment, and remarketing rather than premature replacement.

### In Perspective

**Scale in perspective:** These collective impacts demonstrate what's possible when **over 1,200 facilities prioritize** reuse over disposal. With only **75% of facilities reporting** their 2024 metrics, the actual impact is likely higher.

Data analyzed and provided by Ecotone Analytics. Impact Measurement Findings: Analysis of R2 Survey Data, 2024; based on data from SERI internal program data and facility reports.

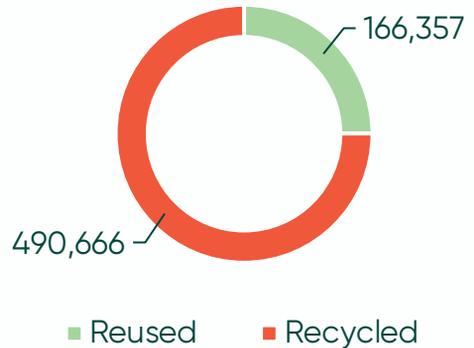




# 657,023 MT

total weight processed

In 2024, the R2 Network processed 657,023 MT of electronics: 490,666 were recycled and 166,357 were reused. While R2 facilities recycled nearly 3 times more volume, reuse avoided 4,454,707 MT CO<sub>2</sub>e.



## CO<sub>2</sub>E AVOIDED BY RECYCLING:

# 15,362

MT (metric tons) emissions

## CO<sub>2</sub>E AVOIDED BY REUSE:

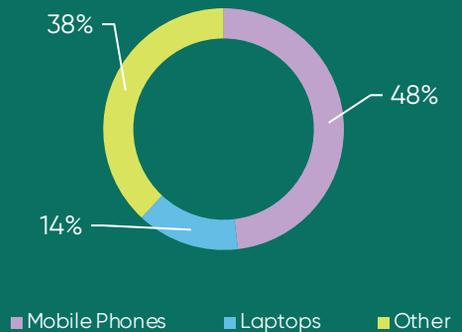
# 4,454,707

MT (metric tons) emissions

# 92 Million

whole units reused

While R2 facilities recycled nearly 3 times more volume, reuse avoided 4,454,707 MT CO<sub>2</sub>e.



Data analyzed and provided by Ecotone Analytics. Impact Measurement Findings: Analysis of R2 Survey Data, 2024; based on data from SERI internal program data and facility reports.



# R2 Network Social and Economic Value 2024

## DIGITAL EQUITY:

**44,000 devices**

delivered to underserved communities

**35 facilities**

offering discounted access

**62 facilities**

providing donation programs

## PUBLIC ACCESS POINTS:

**2,300 locations**

for drop-off worldwide

**3,445 events**

for collection in 2024

**134 facilities**

providing permanent locations

**86 facilities**

running collection events

## VALUE RETENTION:

**119.6 M devices** maintained a productive lifespan

**Billions in asset value** preserved for organizations

**Affordable technology** options for budget-conscious consumers

## EMPLOYMENT:

**5 Certification Bodies**      **2 Accreditation Bodies**

**146,370+ employees** in R2 facilities globally Based on 60% of reporters (565 facilities/933)

**94 consultants** supporting implementation

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# Join the Movement, Amplify the Impact

Here are some ways you can join our movement:

- Require R2 certification in [vendor specifications](#)
- Find certified facilities at [R2Certified.org](#)
- Pursue [R2 certification](#) for your electronics facility
- Subscribe to [SERI communications](#)
- Connect on LinkedIn: [SERI](#) | [R2](#)
- Support through partnership or [donation](#)

Learn more:

[sustainableelectronics.org](#)

## Data Sources.

1. SERI. (2024). Internal program data and facility reports.
2. Ecotone Analytics. Impact Measurement Findings: Analysis of R2 Survey Data. (2024).