



Sustainability Star Award

Certificate of Achievement

This certificate is proudly presented to

Suman Ghosh

*For your exemplary contributions to BT Group and to our
customers.*

**Congratulations on winning the 2026 BT Sustainability 'All Stars'
Award!**

10/03/2026

Date

Francesca Ritchie

Award Organiser



Date: 31/03/2026

To Whom So Ever It May Concern

Recognition of Suman Ghosh (Employee ID: 608113447) – BT Sustainability ‘All Stars’ Award 2026

This is to formally recognize that **Suman Ghosh (Employee ID: 608113447)**, working in the capacity of **Project Manager** at BT Group since 2014, has been awarded the **BT Sustainability ‘All Stars’ Award 2026** for his outstanding contribution to integrating sustainability into project delivery.

Suman was selected for this recognition based on his leadership in driving a global SD-WAN transformation program, where he successfully embedded sustainability as a core element of execution. His approach demonstrated a strong balance between delivery excellence, operational efficiency, and environmental responsibility.

Through this initiative, he introduced structured and forward-looking delivery practices, including remote readiness validation to significantly reduce field interventions, promotion of hardware reuse aligned with circular economy principles, and optimization of network design to enhance energy efficiency. These initiatives resulted in measurable outcomes, including reduction in carbon emissions, improved resource utilization, and enhanced delivery effectiveness.

Suman also demonstrated strong leadership in influencing cross-functional teams, partners, and stakeholders to adopt more sustainable ways of working. His ability to drive alignment and embed sustainability into day-to-day decision-making ensured that these practices were not limited to a single project but could be replicated across similar programs.

The **BT Sustainability All Stars Award** recognizes individuals who demonstrate measurable impact, innovation, and commitment toward sustainability within their area of work. Suman Ghosh’s contribution stood out for its practical implementation, scalability, and alignment with BT Group’s sustainability priorities, including carbon reduction and responsible resource management.

This recognition reflects his continued commitment to driving responsible, efficient, and sustainable project delivery, contributing positively to both business outcomes and broader environmental goals.

For and on behalf of
BT Sustainability Stars Award Committee

Francesca Ritchie, Rosie Brown and Bethan Cox

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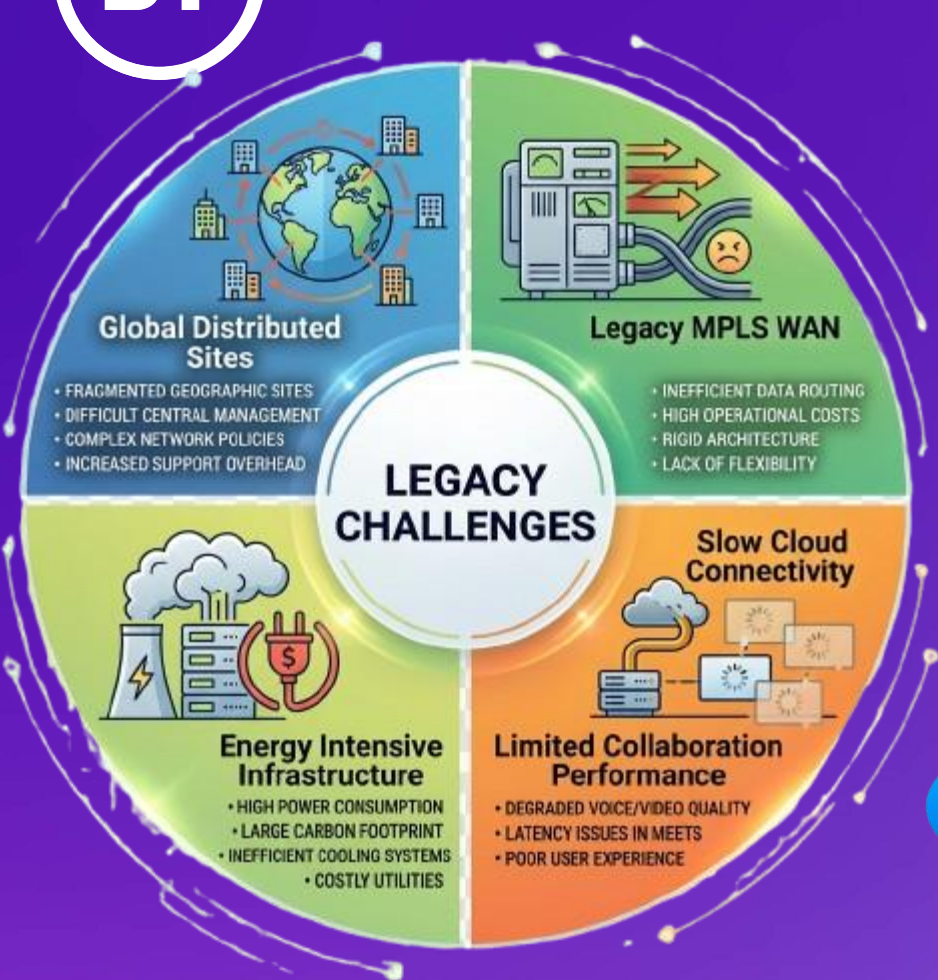
Sustainable Blueprint for Responsible SD-WAN Network Delivery



BT International



Enabling Customer's Digital Future with BT SD-WAN, Cloud and Secure Connectivity





Business Activities

Time ,Cost & Scope

- ✓ Record delivery details (PID)
- ✓ Managed KCI mechanism

Right First Time Build

- ✓ Velocloud SD-WAN configs
- ✓ Dual DIA circuits
- ✓ Secure Zscaler integration

T-minus Plan

- ✓ Liaise multiple supplier SLA's as per project plan
- ✓ WBS prepared for each of the parallel delivery items

Supplier Collaboration

- ✓ Choose sustainable brands
- ✓ Ethical distribution
- ✓ Effective product EOL management

Remote Pre-checks

- ✓ Power & cabling readiness
- ✓ WAN reachability testing
- ✓ Pre-validation of site

We Are

Customer First



Clear



Challengers



Committed



Connected



Sustainable Outcomes

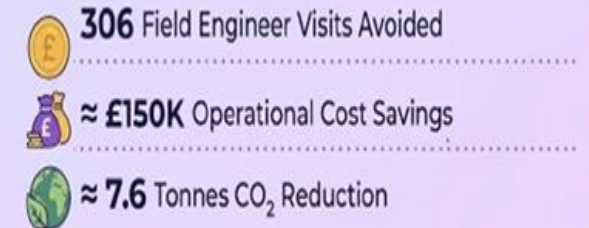
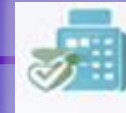
Gets to buy & use tech in a cost-effective & **sustainable manner** in-line to their business targets

- ✓ Faster go-live dates
- ✓ Helps **customers avoid CO2 emissions**

- ✓ Fewer repeat visits
- ✓ Seamless and improved experience for customers

- ✓ Driving circular economy & site segmentation
- ✓ Using sustainable solutions & takeback

- ✓ Improved customer experience
- ✓ Reduced engineer travel
- ✓ Lower carbon footprint





Sustainability Impacts & Benefits Aligned to BT Group Climate Transition Plan 2025

SD-WAN Deployment Framework — four BT net zero commitments delivered simultaneously



20–45 kg CO₂
saved per site visit

Remote pre-checks eliminate 2–3 FE dispatches per site

Circuit stability pre-check — packet loss and jitter validated remotely; each additional avoided visit saves 8–15 kg CO₂.

► **BT TARGET 90% Scope 1 & 2 by 2031**



40–60 kg CO₂
avoided per reused device • Circular Economy

Hardware-reuse-first — existing edge devices repurposed across IFF global sites
Decommissioned units formally flagged for BT's takeback programme before any new order is raised. No new manufacturing footprint • Advances BT circularity agenda

► **BT TARGET Circular BT Group by 2030**



3× fewer FE visits

Right-first-time builds /commissioning cut third-party FE contractor hours

Prevents wrong SFP shipments, incorrect NTE dispatches and repeat edge power-up cycles

► **BT TARGET 42% reduction by 2031**



100% verified

handover per site • Customer Decarbonisation

Zscaler routing validated — local internet breakout confirmed pre-go-live
Traffic steering validation — local internet breakout confirmed pre-go-live, preventing energy-wasteful backhaul to datacenter

► **BT TARGET Reduce network energy annually**

One SD-WAN framework • **Four BT Climate Plan targets advanced simultaneously**
• Measurable at every site • Replicable across all BT Business customers globally

Key Performance Summary

£150,000 Cost Savings

3x Efficiency Improvement

306+ Engineer Visits Avoided

~7.6 Tonnes CO₂ Reduction

Program Delivery Progress



Customer Satisfaction



Global SD-WAN Sites Delivered / In Progress



Global SD-WAN Sites Delivered / In Progress



% SD-WAN Sites Delivered Right-First-Time (Within Schedule)



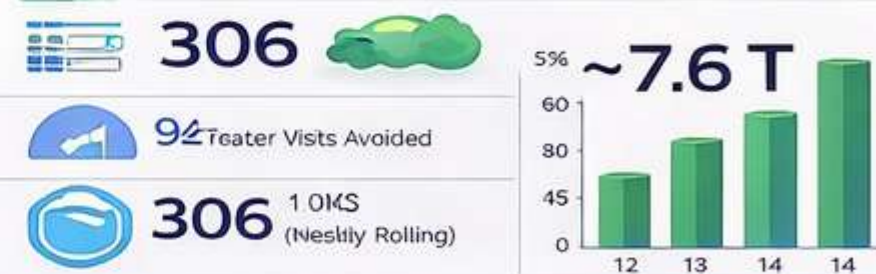
Cost & Time Savings



Engineer Visits Avoided



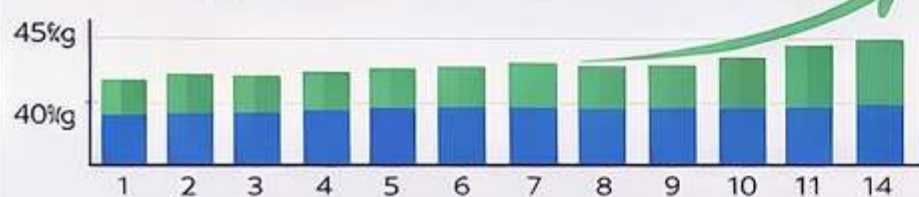
Field Engineer Visits Avoided (Weekly Rolling)



Field Engineer Visits Avoided (Weekly Rolling)

Sustainability Impact

~45 kg CO₂ Saved per Site Visit



~60 kg CO₂ Avoided via Hardware Reuse



Supporting Links – Case Studies, Interviews, Awards & Contributions

Case Studies & Articles

- **Project Close-Out (IAPM)**

<https://www.iapm.net/en/blog/project-close-out/>

- **Integrating Security Controls into Project Management Practices**

<https://instituteprojectmanagement.com/in/blog/integrating-security-controls-into-project-management-practices/>

- **Data Sustainability & Project Excellence**

<https://instituteprojectmanagement.com/blog/data-sustainability-and-project-excellence/>

- **Writers of the Month – Institute of Project Management (October Recognition)**

https://www.linkedin.com/posts/institute-project-management_writers-of-the-month-october-activity-7389979498273955840-dT3Q/

Interviews & Media Features

- **CTO TV Interview**

<https://www.youtube.com/watch?v=ntg5wr5SpJg>

- **Imperon Magazine Feature**

<https://imperonmagazine.com/from-curiosity-to-commanding-heights-the-making-of-a-global-ict-visionary/>

- **Instagram Feature**

<https://www.instagram.com/p/DSCbDjQCInO/>

- **YouTube Talk**

<https://www.youtube.com/watch?v=aD6mbyXtJMg&t=9s>

Awards by Businesses

- **LinkedIn Recognition Post**

https://www.linkedin.com/posts/dr-h-c-suman-ghosh-65887650_honoured-by-this-recognition-inviting-all-activity-7426572894757109760-fS66

- **Fortuna Award Winner Profile**

<https://awards.fortuna.com/winner?profile=dr-suman-ghosh-winner-india-2025>

- **IAF India Recognition**

<https://www.iafindia.com/mr-suman-ghosh/>

Awards by Technology Media

- **Next100 IT Winners 2024**

<https://next100.itnext.in/winners/2024/S/Suman-Ghosh/61142>

- **GlantorX Feature**

<https://glantorx.com/2025/04/03/dr-suman-ghosh-a-visionary-leader-in-it-cybersecurity-and-mentorship/>

- **Forttuna Tech Recognition**

<https://awards.forttuna.com/winner?profile=dr-suman-ghosh-winner-india-2025>

This document provides curated links to publicly available resources including case studies, interviews, awards, and thought leadership contributions related to project management and community engagement.