



Nextstra™ Green IT Consulting

Information & Communications Technology (ICT) industry has played a significant role in propelling growth through employment creation & wealth generation. According to World Bank estimates, every 10% increase in high-speed internet access, raises economic growth by 1.3%.

While the potential of ICT as a growth engine is well understood, its rapid growth has started putting increased pressure over energy consumption and infrastructure needed for setting up large IT facilities.

In recent times, climate change has become one of the most pressing global challenges. GHG emission from the ICT industry is estimated to be 2-3% of the global GHG emissions. With rapid ICT adoption, the electronic waste generated by ICT is also becoming a major concern.

Innovative ICT solutions have the potential of shaping future sustainable economy by reducing the global GHG emission by 15% (5 times its current share) by 2020, leading to total savings of 750 B USD.

It has been proved through research that significant environmental & economic benefits can be achieved through innovative ICT solutions applicable in varied industries such as building design & maintenance, transport & logistics, electricity generation, distribution and consumption, travel substitute and numerous business process streamlining.

Adopting Green IT for sustainable benefits has therefore become integral to business strategy. Organizations using ICT can play a significant role in reducing GHG emission and also benefit directly through cost savings. Organizations can benefit from increased energy efficiency, reduced energy usage & virtualization thereby reducing physical resources.

Nextstra™ Green IT Consulting

Nextstra's pioneering Green IT consulting is an integral part of overall technology consulting solutions. At Nextstra our focus is on providing advice on adopting Green IT practices and creatively looking at ways to leverage IT as an enabler. The following table lists our consulting capabilities.

Green IT

Green IT Strategy

- + Roadmap for achieving reduced GHG emission levels on a sustainable basis
- + Reduce & Manage IT energy usage
- + Greener Data Centres
 - Data Centre Design
 - Virtualization
- + Greener ICT
 - Desktops, Laptops, Printers
 - Communication

Green IT Policy Design

- + Comprehensive guidelines to manage ICT lifecycle (Procure-Use-Recycle-Dispose)

Green IT Audit

IT As Enabler

IT Enabled Process Improvement Solutions

- + Process Automation
- + Paperless Office
- + Cloud, SaaS, PaaS

Energy Optimization

- + Smart Buildings
- + Green Energy Sourcing
- + Innovative ICT for reduced energy usage

Power Management

- + Effective lighting management
- + Use of PoE devices

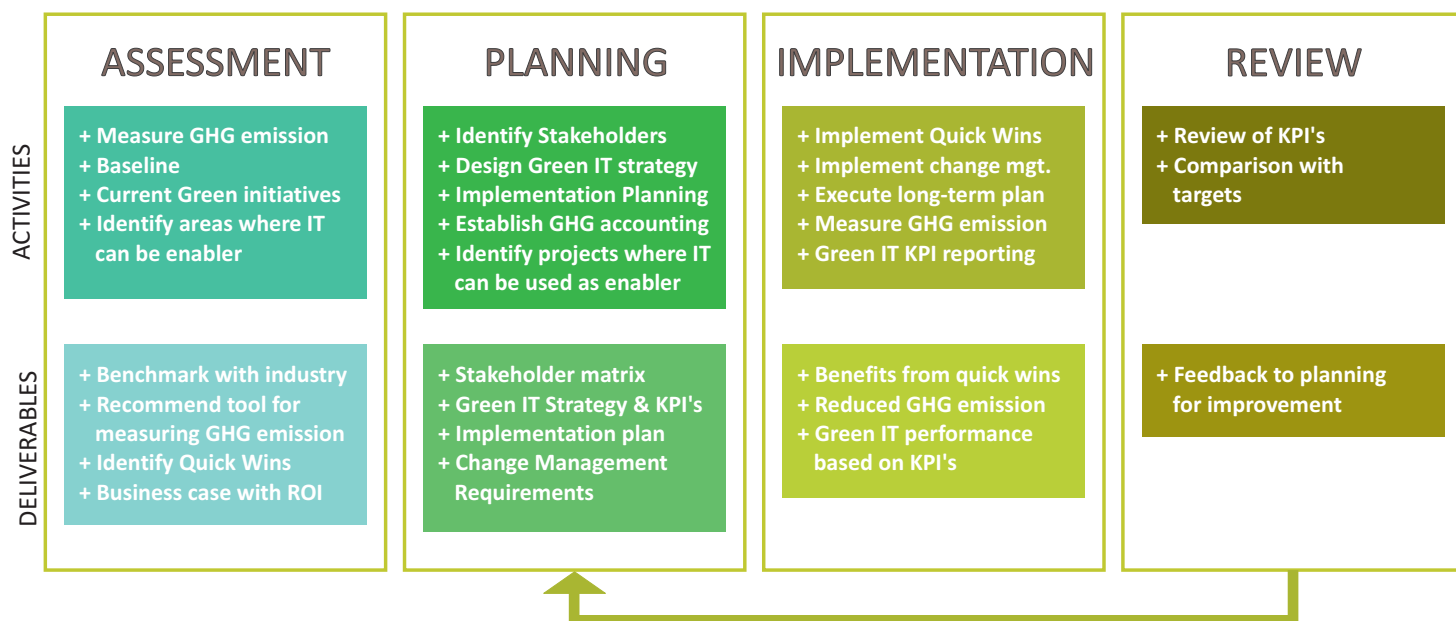
Transportation

- + Teleworking
- + Effective use of Intranet

Leveraging the existing IT investments is always important for successful Green IT adoption. Organizations that are already in process of adopting green initiatives can benefit by availing our auditing facility for effective Green IT adoption.

Nextstra™ has developed ASPIRE framework for adopting Green IT practices in a planned manner. The following diagram explains various phases of Green IT implementation based on ASPIRE framework.

Nextstra's ASPIRE framework for Green IT Consulting



Green IT Adoption

Nextstra™ Advantage

- + GHG reduction by innovative use of ICT
- + ASPIRE framework for sustainable benefits
- + BCS-ISEB certified Green IT professionals
- + Global IT expertise
- + Extensive industry experience

Benefits of Green IT

- + Effective utilization of IT resources
- + Triple bottom line – Profit, People, Planet
- + Regulatory compliance
- + Increased share-holder value
- + Improved competitive advantage

About Nextstra™ Consulting

Nextstra™ Consulting is a management consulting firm, advising CXO community. We partner with businesses providing strategic advice for achieving sustainable growth. Nextstra is uniquely positioned to consult businesses on delivering strategic business benefits by effectively leveraging business best practices and technology.

Our Consulting Capabilities

Strategy	Operations	Technology	Execution
<ul style="list-style-type: none"> + Growth + Strategic Planning + Right Sourcing + SME Business Transformation 	<ul style="list-style-type: none"> + IT enabled process improvement + Business Process Re-engineering + PMO & Governance 	<ul style="list-style-type: none"> + IT Strategy & Enterprise Architecture + IT Performance Management + Business Analytics + Green IT 	<ul style="list-style-type: none"> + Enterprise IT solutions + On demand solutions + Training solutions