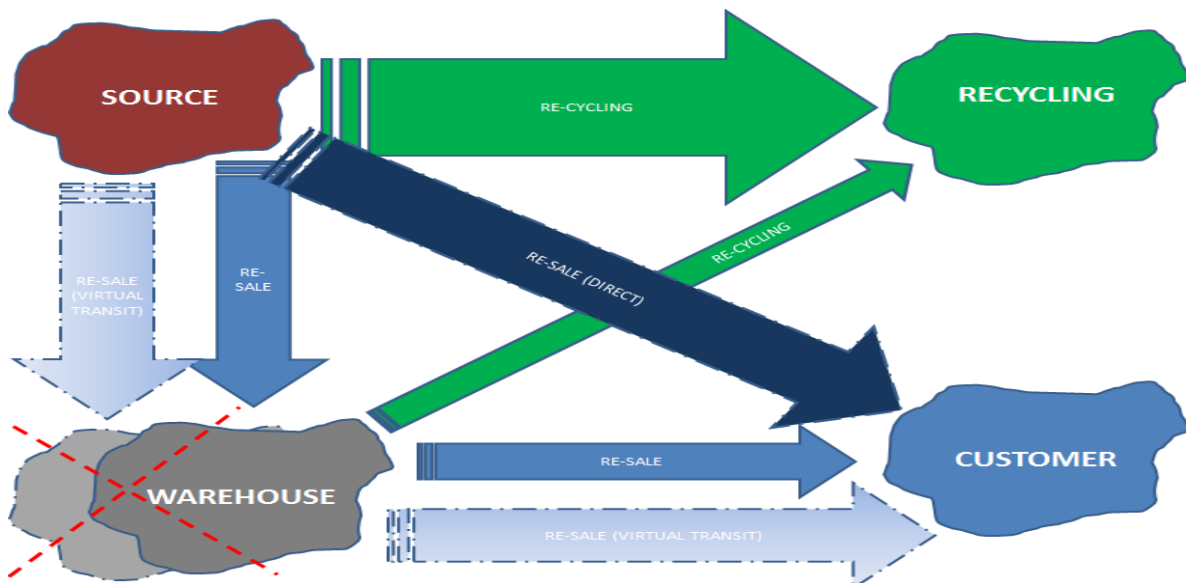


Telecom Asset Recovery Engineering & Consultancy

TAREC IS THE ANSWER IF YOU
TARGET ADDITIONAL REVENUE
 &
ENVIRONMENTAL CONSCIENCE



Avoid exposure to Environment and Child Labour
 Whilst Securing your Assets



CATEGORIZE & TOUCH ONCE

NETWORK OPTIMIZATION

=

ASSET RECOVERY SERVICES

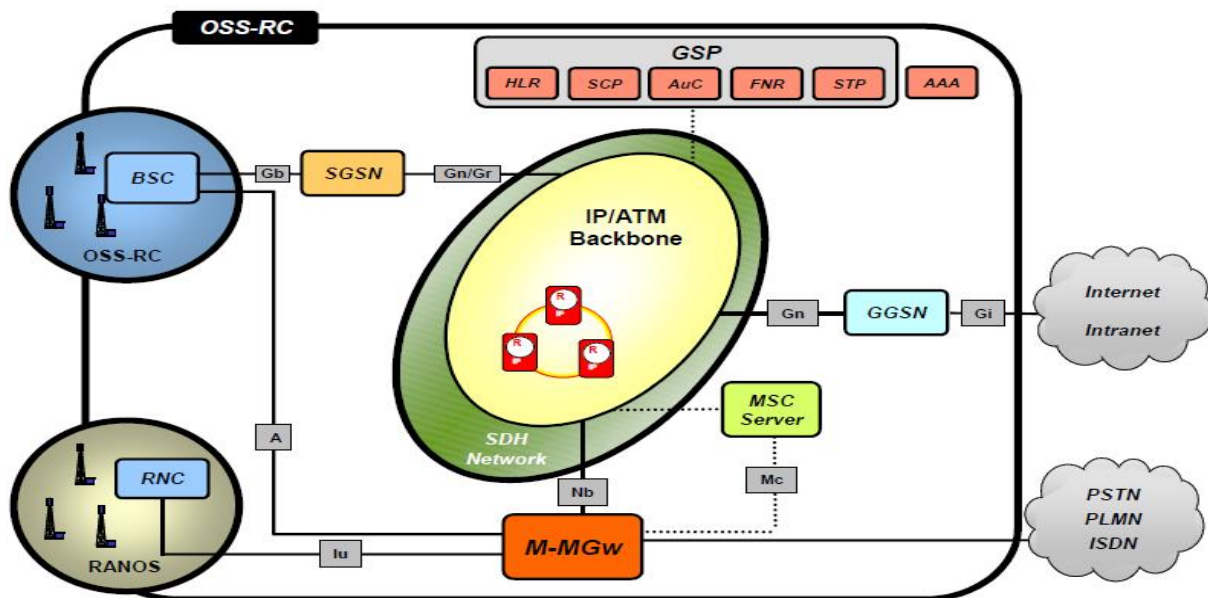
(GUIDELINES)

This Document is an Introduction to TAREC-IN AS's Asset Recovery Services

Processes, detailed tips and recommendations for planning and execution of an Asset Recovery project and Reverse Logistic processes. Info from Ref doc's [1&6], may be provided as option.

TAREC-IN AS, is a Norwegian registered company (no 998 473 527)
Registered office at Martin Lingesgt 12, 5534 Haugesund, Norway.
Represented by CEO Svein Gaute Bleivik.

The following Guidelines are provided for the company *[Name]*, on *[Date, City, Country]*.



Monitor, Analyse and Evaluate Infrastructure Assets in Stock and Operation to minimize Opex and maximize revenue from idle gear through Re-sale and Re-cycling on regular basis.

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1 Document Reference List

Ref.	Document name	Revision # / Date	Sign
[1]	Intro & Service Presentation (ppt-file)	V 2.3 15.02.2012	SgB
[2]	Dismantling-Handling-Transport Process	V 1.0 15.12.2011	SgB
[3]	Process Description - Dismantling	V 1.0 01.02.2012	SgB
[4]	Process Description – Packaging & Handling	V 1.0 01.02.2012	SgB
[5]	Process Description – Facility Clean Out	V 1.0 12.01.2012	SgB
[6]	Inspection Guide – Equipment & Site	V 1.0 01.06. 2012	SgB

2 Document History

Ver.	Description	Reviewed by	Revision Responsible	Rev. Date
0.1	Initial draft	SeB	Svein Gaute Bleivik (SgB)	15.01.2012
1.0	Official		Svein Gaute Bleivik (SgB)	01.09.2012
2.0	Update Release		Svein Gaute Bleivik (SgB)	01.06.2015

3 INTRO TO ASSET RECOVERY & REVERSE LOGISTICS:

This document serves as Guideline for Telecom Operators to issues related to recovery of value from their network assets which are idle or in near future will be so. Assets that are no longer part of the production platform, but representing only excess inventory which do not produce revenue, rather the opposite by creating running expenses for energy, storage and handling.

The following chapters will highlight issues which Operators should consider whilst planning and executing an Asset Recovery Project, and serve as guidelines for this Reverse Logistic Process, setting requirements and expectations right for the successful Roll-In of such a project.

Operators usually have limited focus on Reverse Logistic processes, as KPIs are rarely particularly set for this area. Their expertise is on Roll-Out and not on Roll-In activities, whilst used equipment therefore tends losing its market value due to Operators delay or lack of action.

Reverse Logistics is the process of collecting used products and materials to be reused, recycled, or up-cycled into other products. This process treats these materials as valuable industrial nutrients instead of disposed of as trash, and is complementary to the traditional supply chain.

An Asset Recovery project should lead to prolonging the lifetime of previous equipment and technology generation through E2E safe handling, leading to Re-Use or Re-Sale, and through certified Re-cycling processes return obsolete equipment back to original raw materials, resulting in minimum waste and provide raw materials as basis for sustainable new products.

Operator's end result should be gained Revenue and good Reputation whilst obtaining reduced operational Costs.

Note that these guidelines applies both for modernization projects and swap out, as well as down-scaling aimed to fully or partly reduce or remove current serving equipment.

Front Page Figures:

Use Experienced and Reliable Vendor/Reseller to ensure minimum Waste and Emissions, maximum regained Raw Materials whilst guaranteeing HSQE & no use of Child Labour.

Reverse Logistics – Ensure Correct Categorization and Efficient Distribution Handling. Touch Once & Avoid Intermediate Storage at Own Premises.

Final Pages, Leads to Utilization of Assets:

Asset Recovery should be a regular ongoing process ensuring maximum utilization of all infrastructure assets, and exchanging under-utilized/idle gear for new revenues. Find leads to **Network Tools** that may assist in easy quick analysing and visualization of current and future loads, and recommendations in how to manage EoL equipment, Roll-In and **Reverse Logistics**.