



SNAM Natural Gas Infrastructure Resilience

SNAM Business Continuity Management System

April 2016

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Introduction

European economic, geo-political and energetic context is evolving continuously. A Critical Infrastructure as SNAM S.p.A. must structure itself considering this evolution, getting ready to re-organize fast and efficiently its business processes.

*“...and yet, though its nature
be such, it does not follow therefore that men,
when the weather becomes fair, shall not make
provision, both with defences and barriers, in such
a manner that, rising again, the waters may pass
away by canal, and their force be neither so
unrestrained nor so dangerous.”*

N.Machiavelli, The Prince, Chapter 25

Snam S.p.A. is leader in Europe for construction and integrated management of natural gas infrastructures. Snam is active in natural gas transportation, storage, regasification and urban distribution.

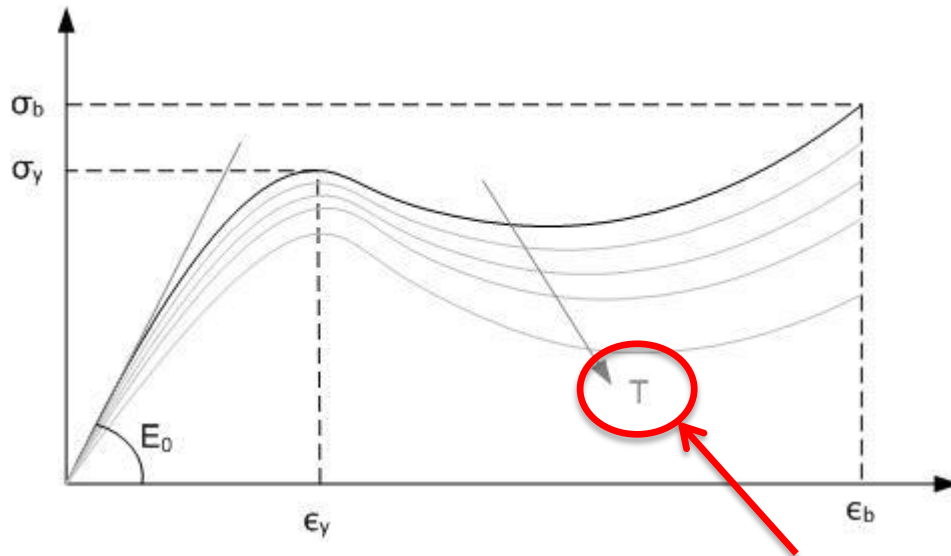


SNAM manages a national transportation network that is more than 32,000 kilometers long (11 Compressor Stations) , including 8 storage sites, 1 regasification plant and a local distribution network that covers more than 57,000 kilometers. Additionally, through associated companies, Snam operates in Austria (TAG), France (TIGF), United Kingdom (Interconnector UK) and it is shareholder of the TAP project.



RESILIENCE

In terms of science, RESILIENCE is the ability of a material to absorb energy when it is deformed elastically, and release that energy upon unloading.

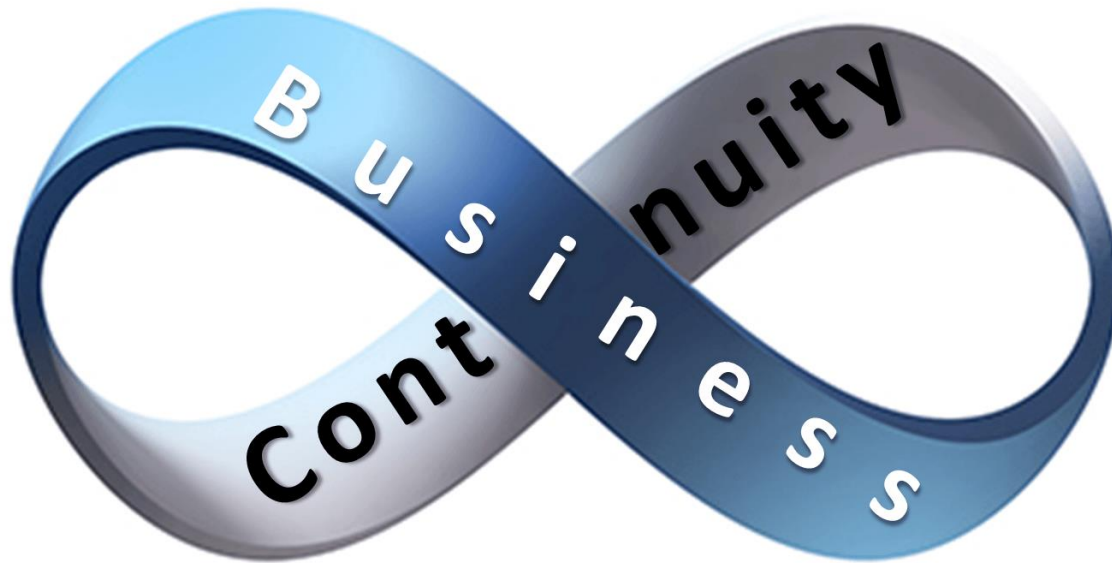


This ability lets materials be able to stand external stress, pressure and critical collision, temporarily modifying its structure and getting back to initial conditions once the solicitation is over.

TEMPERATURE makes all this possible

Thermoplastic polymers can stand every kind of effort modifying its own structure, preserving the ability to get back to standard condition without damages.

Like thermoplastic polymers, a firm must get ready to face every kind of critical event modifying its own structure, preserving the ability to get back to normal activity once got over the crisis.

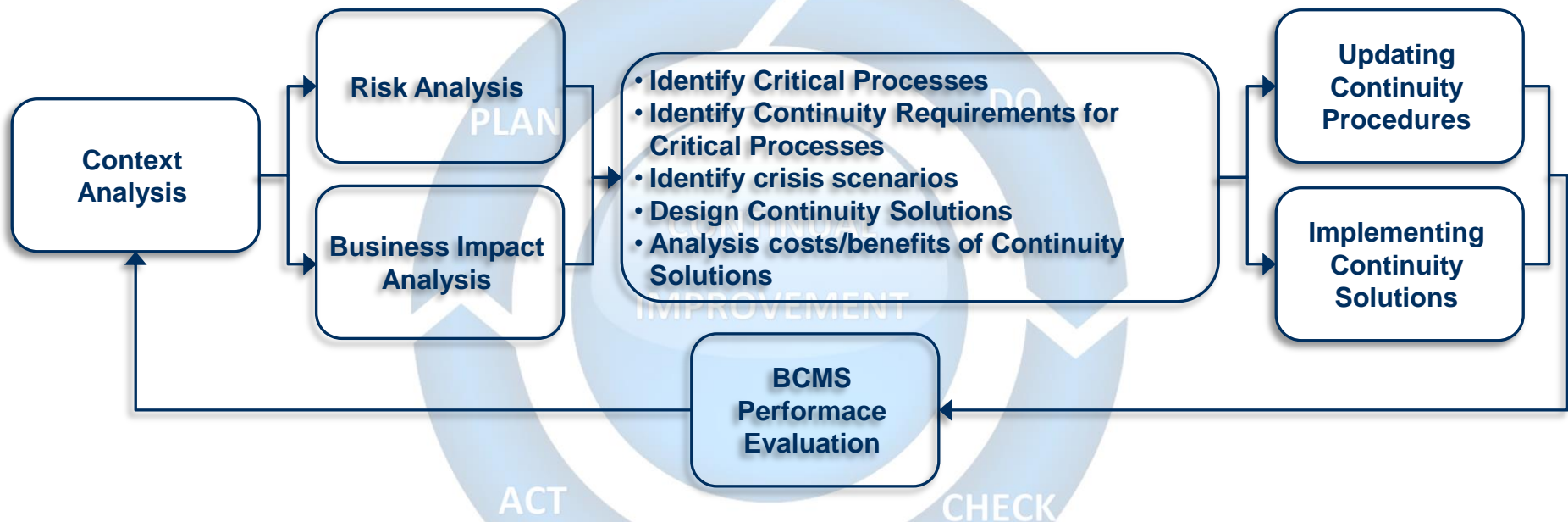


But warming-up the headquarters is not enough...

We need a BUSINESS CONTINUITY MANAGEMENT SYSTEM

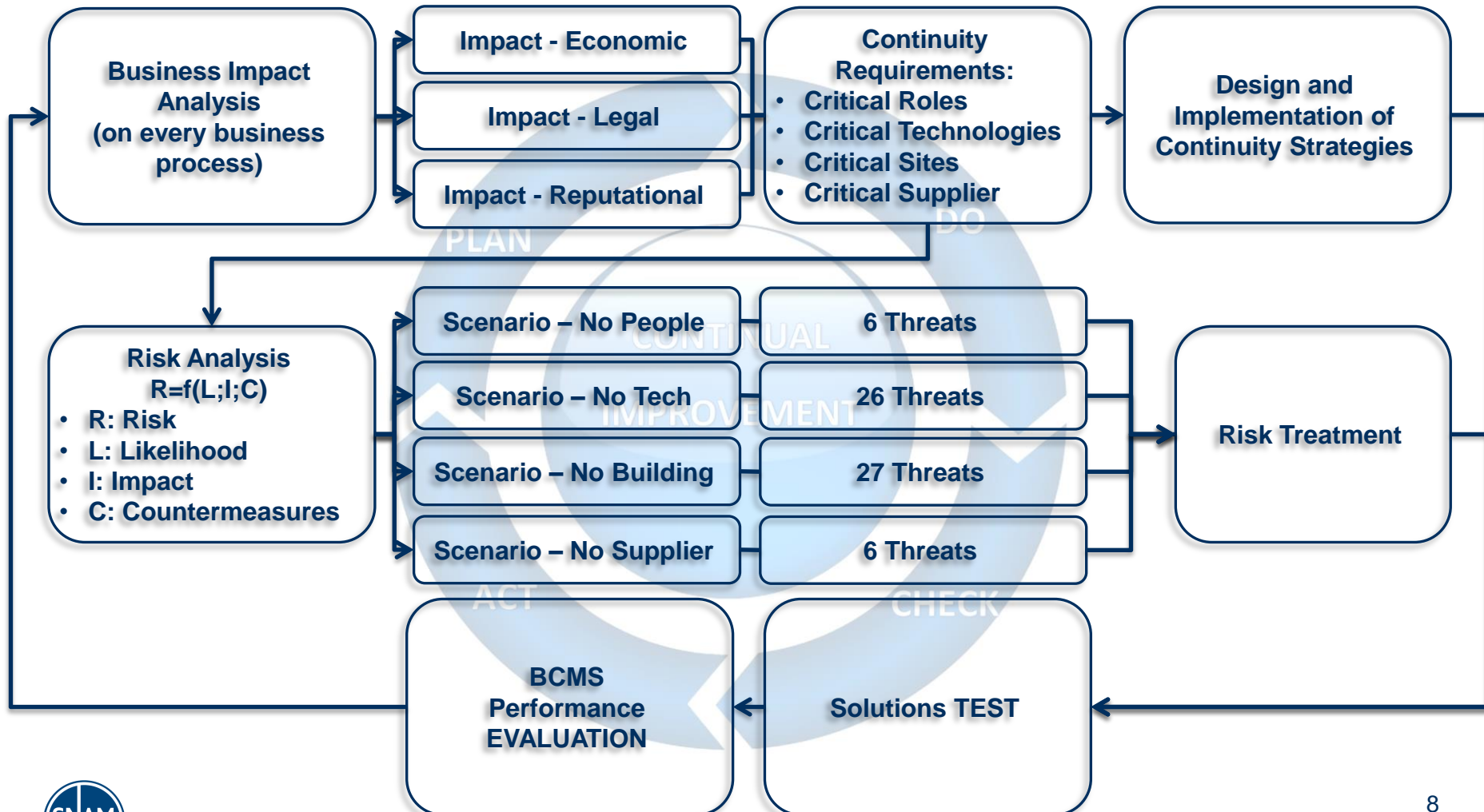
SNAM pays serious attention to BCM. The CEO signed a Company Policy stating the commitment to implement, manage and continuously improve an efficient Business Continuity Management System.

This BCMS has been implemented taking as guideline the international standard ISO22301:2012.



SNAM BCMS is continuously evolving and upgrading, following the fast changing of gas market.

As recommended by ISO 22301:2012, periodically we up-date the analysis in cooperation with all Business Processes Owner.





SNAM RETE GAS Transportation Integrated Network

The Dispatching Centre is responsible for monitoring and remotely overseeing the whole Transportation Network.

In 2015 Snam obtained the ISO 22301*

SNAM is going, through continual improving and time constant upgrading on its BCMS, towards an integrated continuity management. Awareness is increasing as well as business managers' continuity needs and requests.



STOGIT Storage System

In 2017, Snam has planned to obtain ISO 22301 and ISO/IEC 27001 for its own Storage Integrated System.

The main goal for the future is to gradually permeate business activities, from planning to execution, in order to establish a continuity-based working philosophy.



Thank you for kind attention

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