



# ANG-C6 REQUIREMENTS & POLICY BRANCH SERVICE ANALYSIS PROCESS OVERVIEW

August 08, 2012



**FAA**

# I2I Process Overview

## The ANG-C64 Service Analysis Process Addresses the Service Analysis Phase of the FAA's Ideas to In-Service (I2I) Process

### I2I Ideas to In-Service Process

The Ideas to In-Service Process (I2I) complements the FAA's Acquisition Management System to provide the necessary structure and governance to address changes to National Airspace System (NAS) policy, procedures, programs and systems, enabling us to transition to a NextGen environment in a coordinated, collaborative manner. The process consists of five repeatable phases:



To promote **continuous improvement** of the NAS, ideas from multiple sources (such as the aviation industry, the FAA's employees, strategic documents, research and research partners such as NASA) are assessed with an **enterprise-view** by the Concept Steering Group, a newly modified cross-agency team.

NAS operational sustaining activities along with valid and feasible ideas are approved by the NextGen Management Board with input from all FAA Lines of Business, including field operations, to set the Agency's direction for **alignment** across multiple acquisition artifacts (such as the NAS Concept of Operations, Enterprise Architecture, Integrated Master Schedule and NextGen Segment Implementation Plan).

Ideas that deliver a **common benefit** are grouped together into Operational Capabilities and are managed through research and concept development as an investment portfolio. Capture Teams, consisting of cross-agency representatives, work together on Operational Capabilities and select high priority programs to deliver **sound solution alternatives** for investment consideration.

We implement Operational Capabilities and stand-alone programs through **well-coordinated integration plans** to improve NAS performance, increase safety, promote efficiency and reduce aviation's environmental impacts.

To ensure our activities provide desired benefits, we continually **measure** and **evaluate** our NAS modernization efforts in **collaboration** with NAS users. Feedback loops are built into the I2I system to assess impacts on these benefits from current and developing technologies.

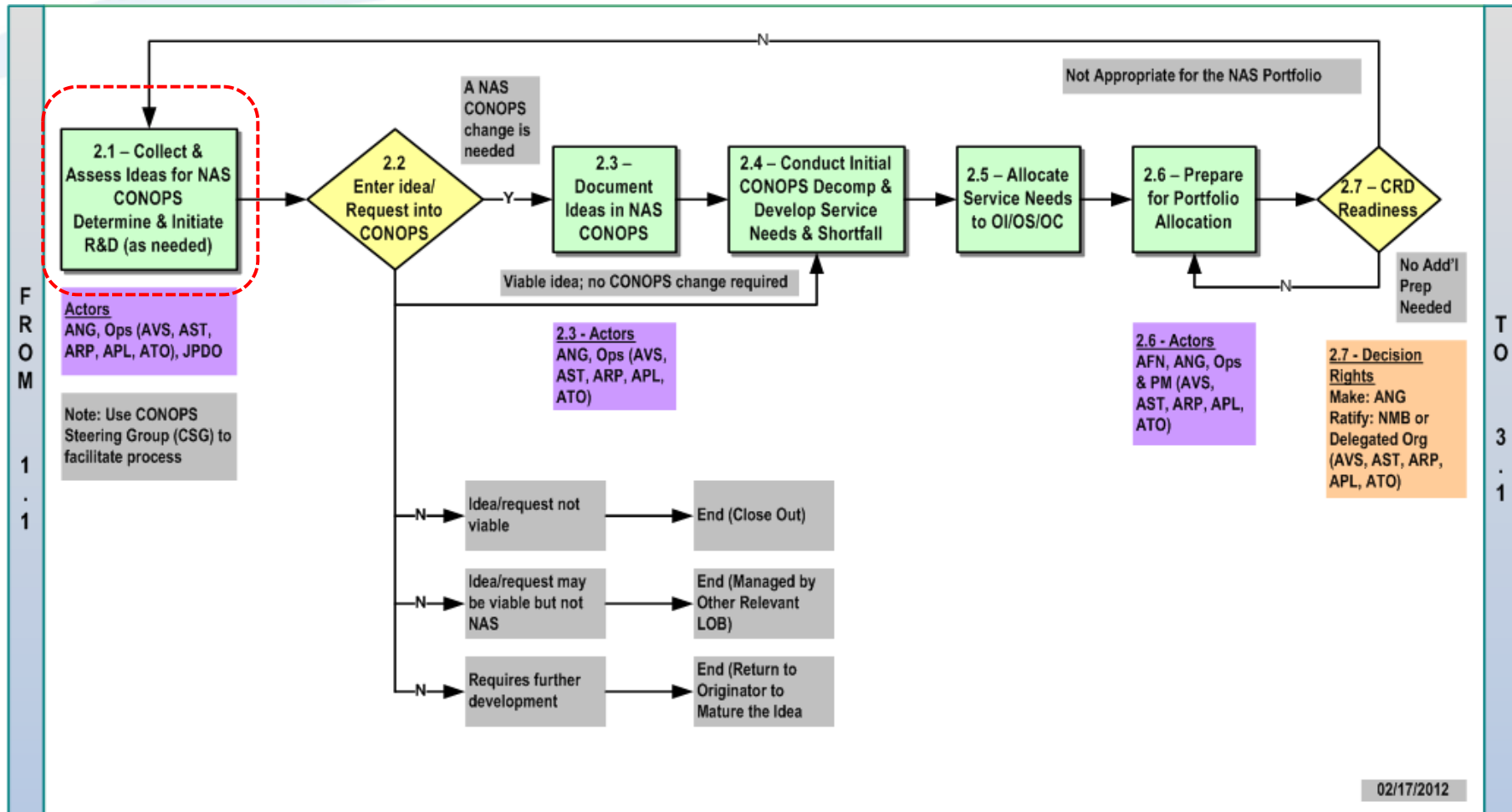


FAA

NextGEN

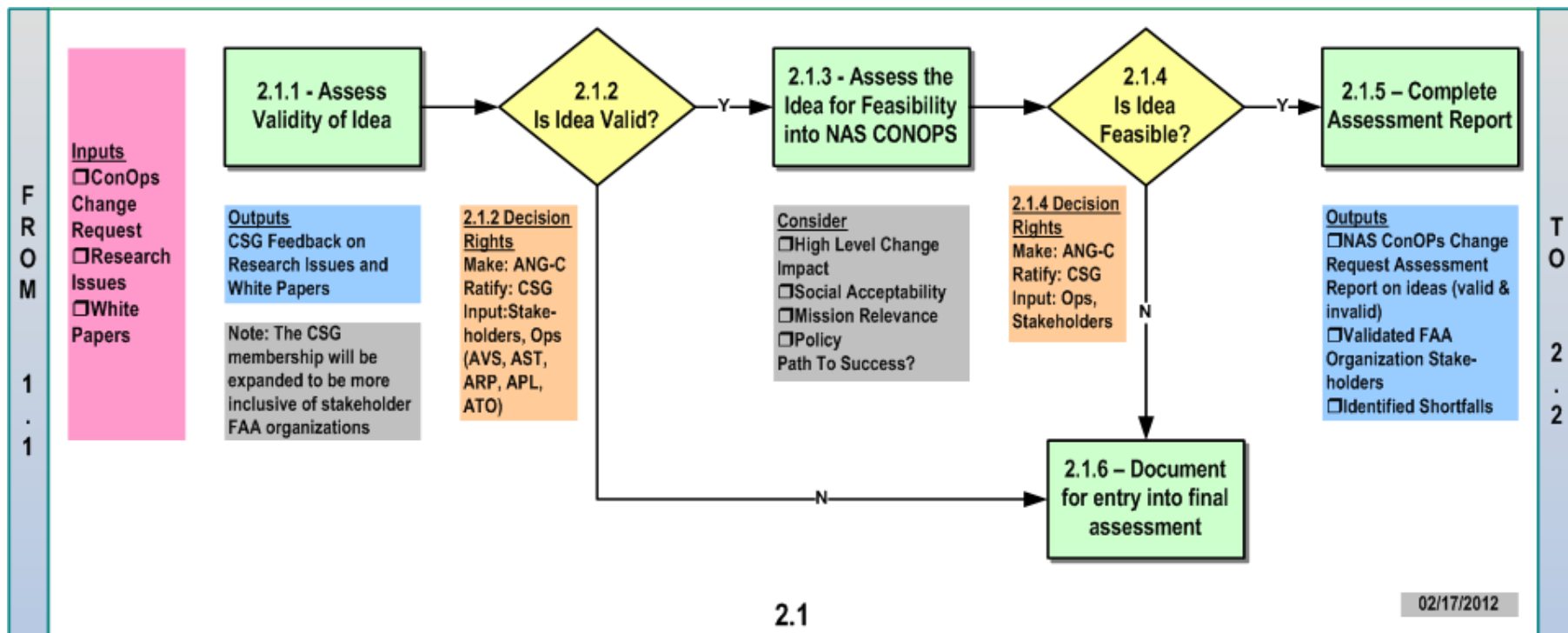
# I2I - Service Analysis Process

The ANG-C64 Service Analysis Process Addresses Section 2.1 of the FAA I2I Process



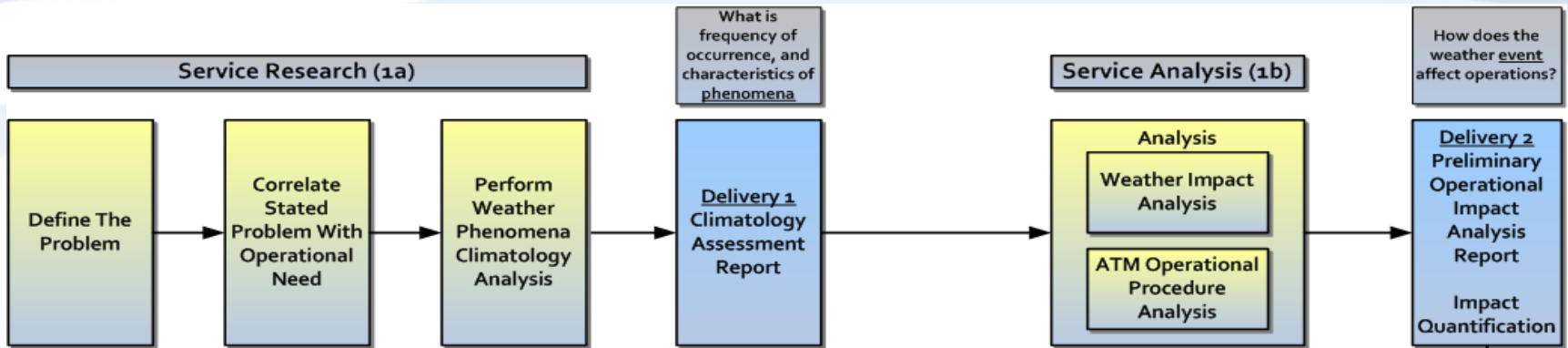
# I2I Sub Process 2.1 Detail

Section 2.1 of the I2I Process Determines if an Idea is Valid (Is this a real problem/concern/issue in the NAS) and Feasible (Can it be realistically Resolved/Addressed).

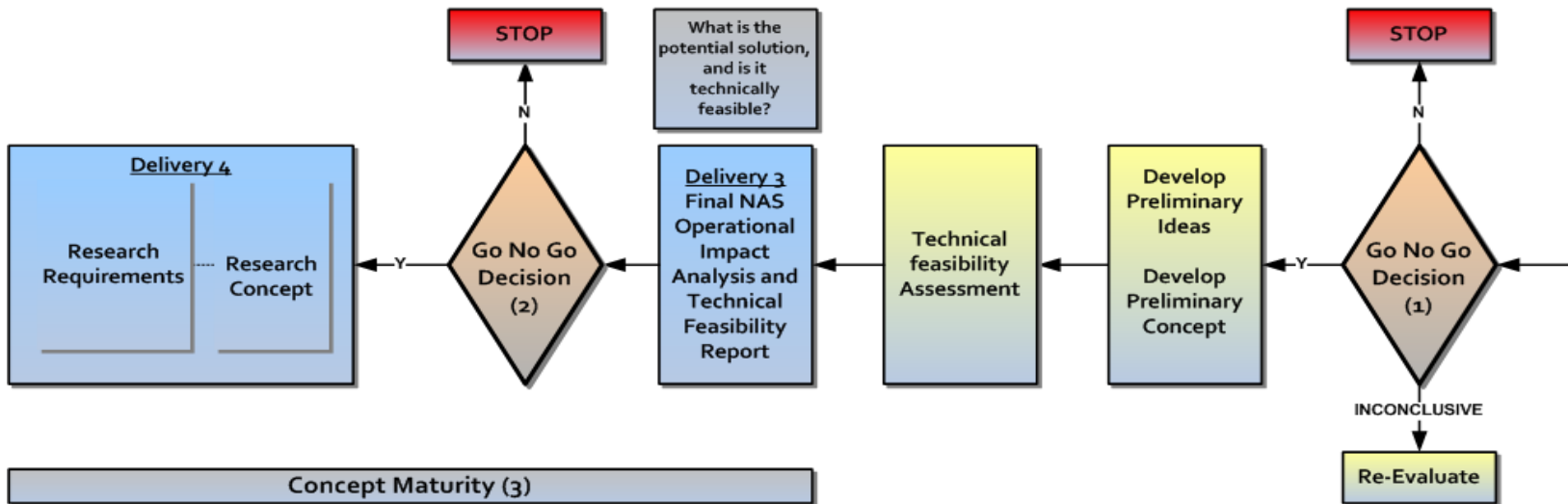


# ANG-C64 Service Analysis Process

This Process Represents The ANG-C64 Version of Section 2.1 of the I2I Service Analysis Phase



Climatology and Operational Impact Analysis Determine the Validity of a Concept  
 Minimal Resources are Spent on Concepts that are not Valid



# NextGEN



**FAA**