

ICAO's GLOBAL AIR NAVIGATION PLAN

What is Global Air Navigation Plan?

The Global Air Navigation Plan (GANP) is the strategy to achieve a global interoperable air navigation



system offering safe, secure and efficient air transport for people and goods worldwide, while limiting the impact of aviation on the environment. The GANP serves as a worldwide reference to transform the air navigation system in an evolutionary and inclusive manner so that no State or Stakeholder is left behind.



Why is the GANP needed now more than ever before?

Air traffic is doubling every 15 years. The global air navigation system needs to adapt to this increased traffic and the move from thousands of conventional aircraft in the sky every day to potentially hundreds of thousands of highly connected and automated air vehicles or devices, offering advanced data-driven services and operating in all environments.



By harnessing emerging technologies, human talent and new ways of doing business, global aviation has the potential to bring increased added value worldwide in terms of jobs, growth, connectivity and mobility.



How is the GANP put together?

The GANP is a collaborative worldwide effort between all stakeholders (industry, international organizations, R&D organizations, manufacturers,...) to ensure a fully harmonized global air navigation system built on collaboratively-agreed and performance-based standards with interoperable and scalable systems. The Plan is reviewed every 3 years to ensure that it reflects the evolving landscape of global aviation.



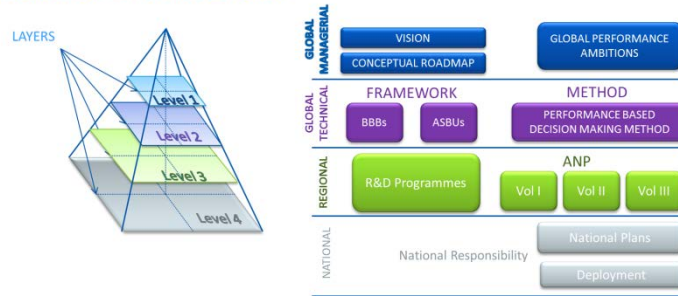
How is the next edition looking like?

In order to better communicate with technical and high level managers in aviation and to ensure global, regional and national air navigation planning alignment, a multilayer structure is proposed for the next edition of the GANP.

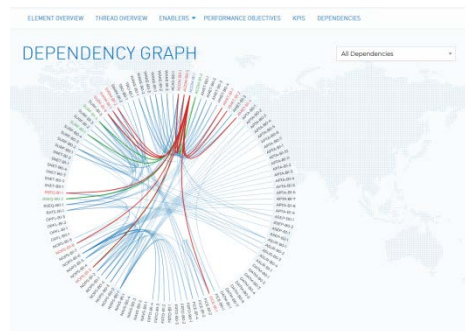
This multilayer structure will consist of four levels:

DRAFT GANP 2019

MULTILAYER STRUCTURE



- The global managerial level is directed to high level managers to provide the big picture on the emerging challenges and opportunities in aviation as well as the necessary evolutionary transformation of the air navigation system.
- The global technical level is addressed to technical managers involved in the practical planning for a cost-effective modernization of the air navigation system. To support this, an Air Navigation System Performance Analysis (AN-SPA) tool is under development. For more information, please go to the Global Air Navigation Gateway (GANWay).
- The regional level comprises ICAO Regional Air Navigation Plans and other regional initiatives.
- The national level contains the national air navigation plans.



When will the next edition be delivered?

The next edition of the GANP will be submitted for endorsement to the 40th session of the ICAO Assembly in September 2019.