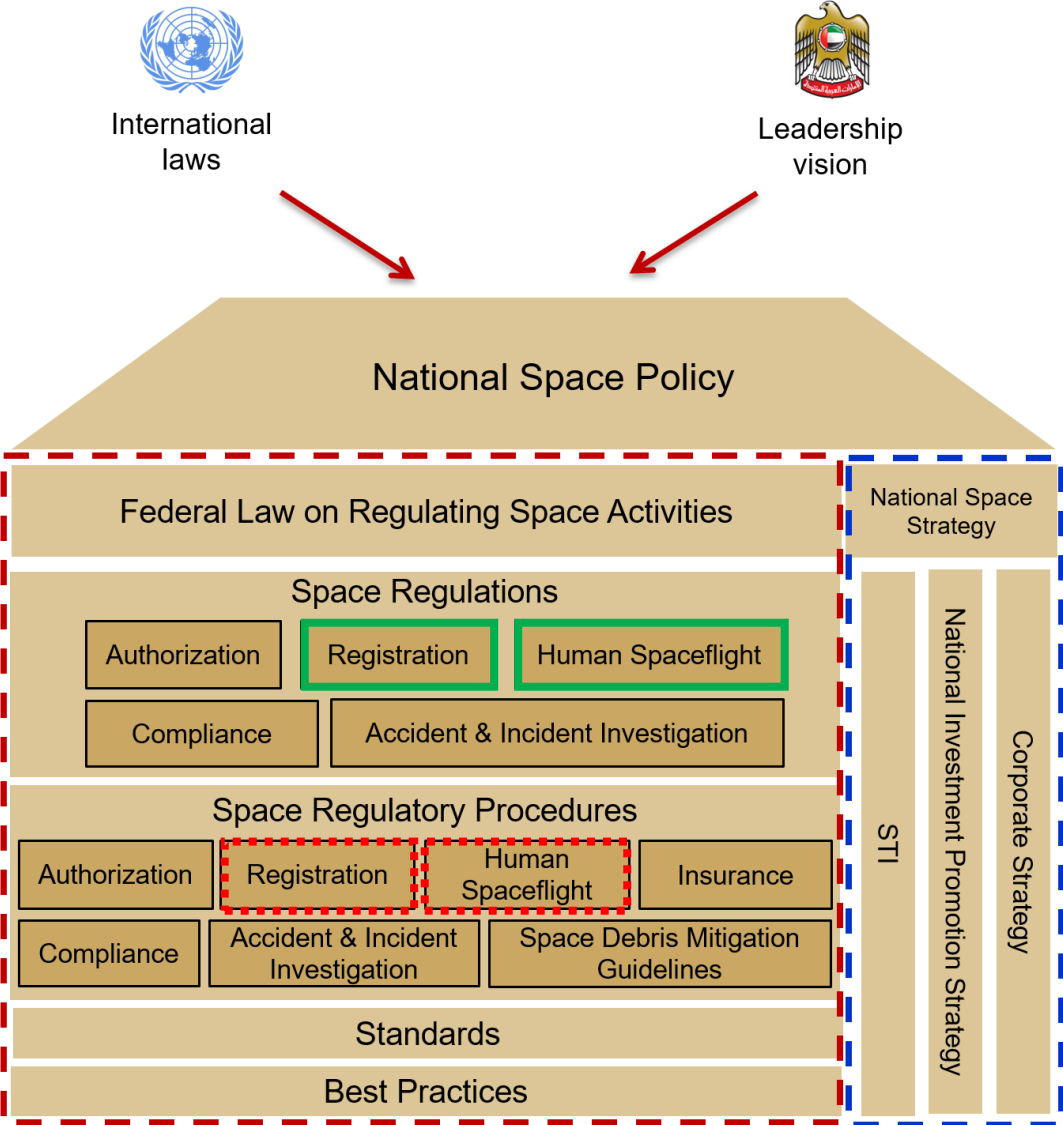


# Update on the UAE Regulatory Framework Regulation on Human Space Flight



# The UAE Space Sector Regulatory Framework



# CONTENTS



- Article 1: Definitions
- Article 2: Purpose
- Article 3: Scope

- Article 4: Compliance with the requirements for obtaining Authorization Human Space Flight

- Article 5: Operator's obligations towards the crew
- Article 6: Operator's Obligations Towards Participants In The Human Spaceflight
- Article 7: Training

- Article 8: Liability & Insurance

- Article 9: Adjustment of Status
- Article 10: Enforcement and Issuance

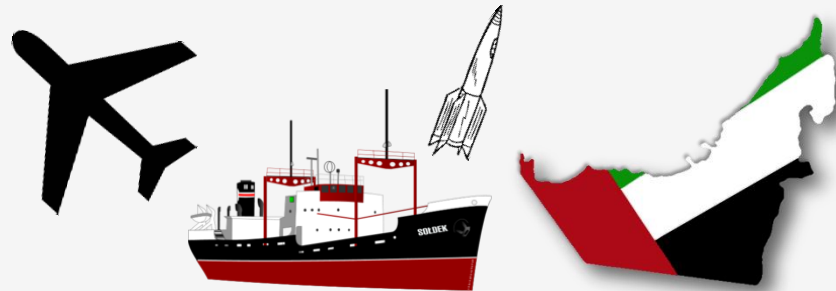


# Scope of Applicability

**Space Activities:** “Activities targeting an area above 80 km, including its exploration, usage or utilization of the same, or making impact thereon in accordance with the provisions of the law.

- This Law shall apply to all Space activities carried out:

Conducted on or from the territory or facilities of the UAE



Territory or Quasi-territory

Conducted by natural persons or juridical entities with the nationality of the UAE



Operators with the nationality of the UAE or with Head quarters in the UAE

# Definitions



<b>Human Space flight</b>	A space activity that intends to transport human into, through, and from outer-space.
<b>Participants of the Human Space Flight</b>	Any <u>individual who is not a member</u> of the Crew and who is on the board the Space Object during the Human Space Flight.



# Purpose & Scope

*Simplified for  
illustration purposes*

- The Regulation Aim to achieve:

- ✓ Regulate the practice of Human Space Flight activities to ensure that they are safely practiced.
- ✓ State the main requirements related to the Operator, Crew, and Participants of the Human Space Flight.

- The provisions of these Regulations shall apply to:

1. The Applicant or Operator wishing to conduct a Human Space Flight:



- Crew
- Remote Operator

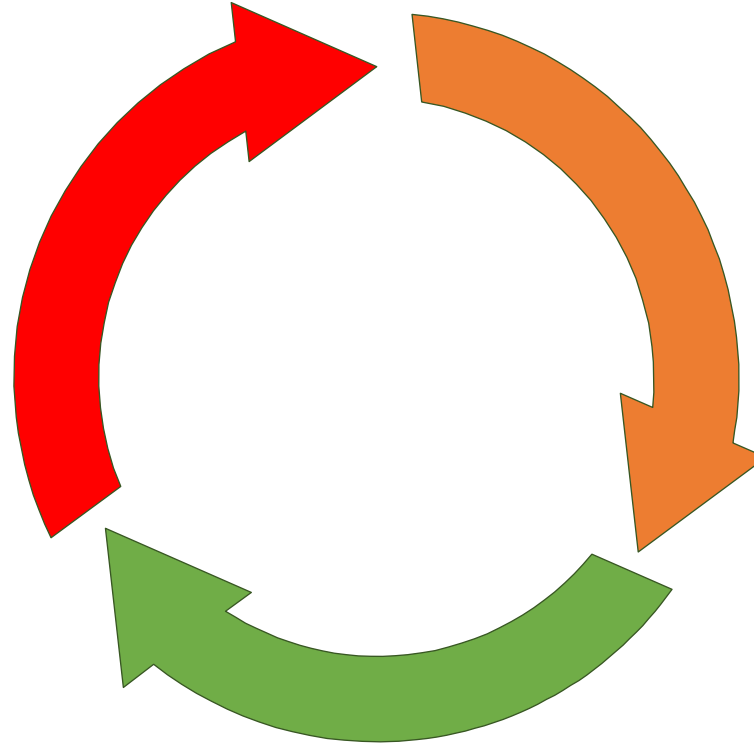
2. The Participants of the Human Space Flight or any member of the Crew in an authorized space activity

# Authorization for Human Space Flights

*Simplified for  
illustration purposes*

## 1. Applicant shall ensure compliance with:

- Regulation for Space Activities
- Regulations for Human Space Flight



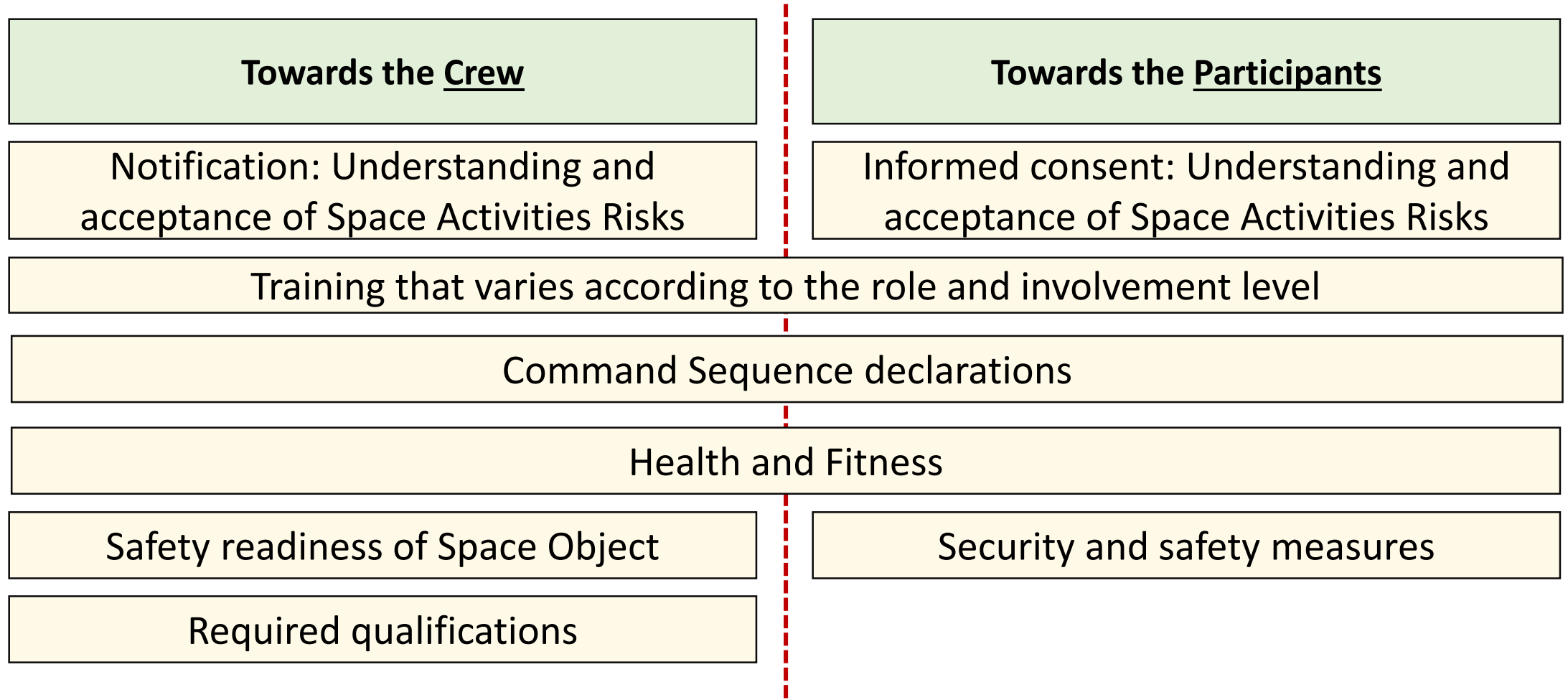
- ## 2. Revision of application:
- UAE Space Agency conduct a revision of the application

- ## 3. Compliance review:
- UAE Space Agency ensure compliance

# Obligations of the Operator



*Simplified for  
illustration purposes*





*Simplified for  
illustration purposes*

## **Training obligations on Operators towards Crews and Participants:**

- Shall show best efforts to ensure that training equipment is Safe & Simulate to extend possible the experience and environment for intended mission and space objects to be used.
- Maintain and update training records.

## **Obligations on Crew members:**

- Pass training that enable him to perform the intended role on Space Activity.
- Trained on all possible scenarios including mission abortion and emergencies.
- demonstrate the ability to withstand pressure during the flight.

## **Obligation on commander of Space Object and the Remote Operator:**

- Obtain a command's license from the Agency or from other entity recognized or accredited by the Agency.
- Have expertise and skill required for the operation and command of a Space Object that will be used in the aerospace.

# Liability and Insurance (in addition to 3<sup>rd</sup> Party)

*Simplified for  
illustration purposes*

## Human Space Flight Authorization document requirements

### Crew insurance policy

covering cases of injury, death and damage to property during the Human Space Flight

### A declaration to waive the UAE liability

towards any damage that may be caused to the Crew on board the Space Object during the Human Space Flight.

Liability of the UAE and UAE Space Agency is waived through an acknowledgement form by the Operator, Crew and Participants

