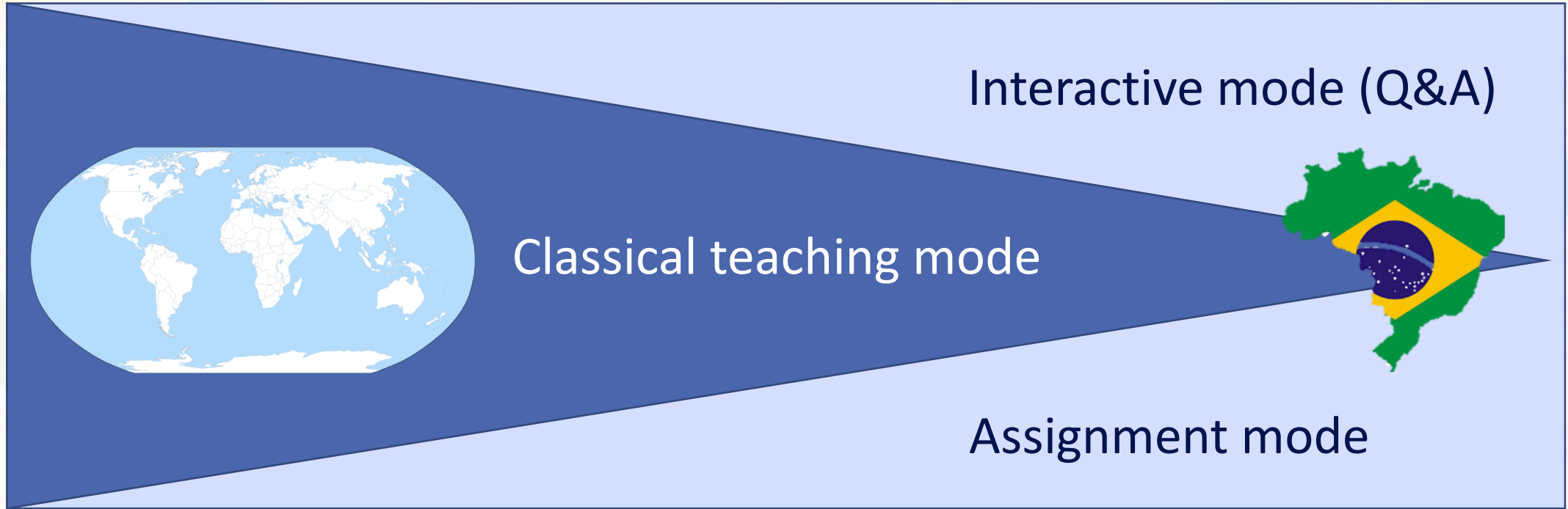


Overarching Roadmap Training Program

- 13 September – Module 1.1 – International space law – Frans von der Dunk
- 14 September – Module 1.2 & 1.3 – National space law & Export control law – Frans von der Dunk
- 15 September – Module 2.1 – Licensing regimes in spacefaring nations – Frans von der Dunk
- 16 September – Module 2.2 – Liability and insurance under national space law – Frans von der Dunk
- 17 September – Module 2.3 – Risk management and insurance cases – Denis Bensoussan
- 20 September – Module 2.4 – Specific implications/relevance in the Brazilian context – Denis Bensoussan
- 21 September – Module 3.1 – Brazilian national launch licensing regime – Frans von der Dunk
- 22 September – Module 3.2 – Extraterritoriality – Frans von der Dunk
- 23 September – Module 3.3 – Case study: FAA license and launch from Alcantara – Frans von der Dunk
- 24 September – Module 3.4 – General discussion and Question & Answer session – Denis Bensoussan & Frans von der Dunk

Overarching Roadmap Training Program

 Generic approach to the training program



1.1



3.4

Overarching Roadmap Training Program



Materials for the training program

- Materials handed out two weeks ago – Outer Space Treaty; Liability Convention; ILA Sofia Guidelines for a Model Space Law; Administrative Edict No. 182 of 2020
- Slides – will be made available each time after the respective sessions
- Materials integrated into the slides for discussion during sessions – snippets of various legal documents
- Materials to be made available & read during training for assignments – some special explanatory slides; some national space laws & licensing documents

Overarching Roadmap Training Program

 Interactive nature: questions & comments at any time appreciated!



Timeline not written in stone!

Goals Module 1.1 – International space law



1. To understand how international space law is established

2. To know and understand the main elements of international space law

3. To understand the difference between structural principles and substantive rules of international space law

4. To know and understand the main substantive rules of international space law in general

5. To know and understand the main substantive rules of the Outer Space Treaty in particular

Goals Modules 1.2 & 1.3 – National space law & Export control law



1. To understand the nature of national space law

2. To know and understand the main structural principles of international space law and their impact on national space law

3. To know and understand the main building blocks of national space law

4. To know and understand the main approaches and contents of national space law throughout the world

5. To know and understand the international aspects of export controls

6. To understand how US export controls may impact space activities elsewhere

Goals Module 2.1 – Licensing regimes in spacefaring nations

 1. To understand how national licensing regimes implement Articles VI & VII of the Outer Space Treaty

2. To know and understand the general substance of licensing regimes

3. To know and understand the extent of handling of responsibility in the context of licensing

4. To know and understand how major spacefaring nations have developed licensing regimes

5. To know and understand how major spacefaring nations in particular have addressed safety issues

Goals Module 2.2 – Liability and insurance under national space law

 1. To know and understand how licensing regimes implement the international space law liability regime

2. To know and understand how licensing regimes address other liability considerations

3. To know and understand the extent to which insurance is mandated under national space law

Goals Module 3.1 – Brazilian national launch licensing regime



1. To understand how the Brazilian launch licensing regime implements international law

2. To know and understand the main approach and main contents of the Brazilian launch licensing regime

3. To compare the Brazilian launch licensing regime with national launch licensing regimes of leading spacefaring countries

Goals Module 3.2 – Extraterritoriality



1. To understand the concept of extraterritoriality in international law

2. To know and understand the extent to which extraterritoriality is applied in various national space laws

3. To know and understand the extent to which extraterritoriality is applied in leading spacefaring countries

4. To know and understand the extent to which extraterritoriality is applied in the Brazilian launch licensing regime

Goals Module 3.3 – Case study: FAA license and launch from Alcantara

 1. To understand the application of international space law to the launch of an FAA-licensed vehicle from Alcantara

2. To understand the application of US space law to the launch of an FAA-licensed vehicle from Alcantara

3. To understand the application of Brazilian space law to the launch of an FAA-licensed vehicle from Alcantara

4. To generally understand the obstacles and opportunities involved in the launch of an FAA-licensed vehicle from Alcantara