

## **BRAZIL – ITEM 5 – “GENERAL EXCHANGE OF VIEWS”**

BY MS ADRIANA C. THOMÉ / MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION OF BRAZIL (MCTI)

MISTER CHAIR, DISTINGUISHED DELEGATES

GOOD MORNING/AFTERNOON.

BRAZIL RECALLS THE UNITED NATIONS/BRAZIL/UNITED ARAB EMIRATES SPACE FOR WOMEN EXPERT MEETING: INITIATIVES, CHALLENGES AND OPPORTUNITIES FOR WOMEN IN SPACE, ORGANIZED, ON THE BRAZILIAN SIDE, BY THE BRAZILIAN MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION (MCTI), THE BRAZILIAN SPACE AGENCY (AEB) AND THE NATIONAL INSTITUTE FOR SPACE RESEARCH (INPE), AND ON THE UNITED ARAB EMIRATES SIDE, BY THE MOHAMMED BIN RASHID SPACE CENTRE. THE MEETING, WHICH TOOK PLACE IN THE CITY OF DUBAI, UNITED ARAB EMIRATES, FROM 21 TO 22 OF OCTOBER OF 2021, IS PART OF THE “SPACE FOR WOMEN” PROJECT, AN INITIATIVE UNDER THE UNITED NATIONS CAPACITY BUILDING UMBRELLA.

BRAZIL RECOGNISES THE IMPORTANCE OF FOSTERING DISCUSSIONS ON THE WAY FORWARD FOR THE PARTICIPATION OF WOMEN IN THE SPACE SECTOR, AS WELL AS THAT EFFORTS TO ENCOURAGE WOMEN AND GIRLS TO PURSUE SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM) EDUCATION MUST CONTINUE. HAVING SAID THIS, WE TAKE THIS OPPORTUNITY TO SHOW OUR SUPPORT TO THE UNITED NATIONS/REPUBLIC OF KOREA SPACE FOR WOMEN EXPERT MEETING: ACCESS AND PARTICIPATION OF WOMEN AND GIRLS IN THE SPACE SECTOR, TO BE HELD IN DAEJEON, FROM 16 TO 19 OF AUGUST OF 2022.

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WE TAKE THIS OPPORTUNITY AS WELL, TO INFORM THAT BRAZIL, IN PARTNERSHIP WITH UNOOSA, AND WITH THE SUPPORT OF THE MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION OF BRAZIL AND THE BRAZILIAN CENTER FOR PHYSICS RESEARCH (CBPF), CONTINUES TO WORK TOWARDS THE IMPLEMENTATION OF THE OPEN UNIVERSE INITIATIVE, WHICH AIMS TO USE OPEN SPACE SCIENCE DATA FOR THE DEVELOPMENT OF CAPACITY BUILDING ACTIVITIES. THE PREPARATORY STEPS TOWARDS THE IMPLEMENTATION OF THE INITIATIVE HAVE BEEN CONCLUDED AND THE BRAZILIAN CENTER FOR PHYSICS RESEARCH, THE FOCAL POINT FOR THE TECHNICAL ACTIVITIES OF THE OPEN UNIVERSE INITIATIVE IN BRAZIL, IS NOW WORKING JOINTLY WITH UNOOSA IN THE TECHNICAL IMPLEMENTATION OF THE MAIN NODE. CBPF INTENDS TO CONCLUDE THE FIRST PART OF THE NODE IMPLEMENTATION BY THIS YEAR.

ADDITIONALLY, WE ARE PROUD TO ANNOUNCE THAT BRAZIL IS UP TO CONCLUDE THE SIGNATURE PROCESS OF THE COPERNICUS SPACE COMPONENT TECHNICAL OPERATING ARRANGEMENT, BETWEEN THE EUROPEAN ORGANISATION FOR THE EXPLOITATION OF

METEOROLOGICAL SATELLITES (EUMETSAT), THE MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION OF BRAZIL, AND THE BRAZILIAN NATIONAL INSTITUTE FOR SPACE RESEARCH (INPE). THIS ARRANGEMENT IS THE LAST STEP FOR BRAZIL TO FULLY ADHERE TO THE COPERNICUS PROGRAM, AS PROVIDED FOR IN THE COOPERATION ARRANGEMENT SIGNED BETWEEN THE MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION OF BRAZIL AND THE EUROPEAN COMMISSION, IN 2018. IN ORDER TO HAVE THE NECESSARY FACILITIES FOR THE DOWNLINK OF THE DATA AND PRODUCTS OF THE SENTINEL SATELLITE CONSTELLATION, THE BRAZILIAN NATIONAL INSTITUTE FOR SPACE RESEARCH (INPE) IS GOING TO EXPAND THE CAPACITY OF ITS DATA CENTER THANKS TO THE NATIONAL FUND FOR SCIENTIFIC AND TECHNOLOGICAL DEVELOPMENT (FNDCT), ENSURING THE ACCESS TO THE NEXT GENERATION TECHNOLOGIES OF EARTH OBSERVATION FOR THE LATIN AMERICAN COMMUNITY, AND IMPROVING THE MONITORING POWER OF SENSITIVE BIOMES, SUCH AS TROPICAL FOREST, CERRADO (BRAZILIAN SAVANNAH), COASTAL ZONE AND INLAND WATER BODIES, AS WELL AS URBAN AREAS.

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FOLLOWING BRAZIL'S ADMISSION TO THE ARTEMIS AGREEMENTS, WE ARE PLEASED TO INFORM THAT THE MINISTER OF SCIENCE, TECHNOLOGY AND INNOVATION OF BRAZIL CREATED, IN DECEMBER OF 2021, THE ARTEMIS WORKING GROUP, WHOSE AIM IS TO ANALISE AND EVALUATE BRAZILIAN INITIATIVES REGARDING THE ARTEMIS PROGRAM. THE FIRST MEETING OF THE WORKING GROUP WAS HELD IN BRASILIA, ON THE LAST 28TH OF APRIL. FROM NOW ON, THE INTENTION IS TO ORGANISE PERIODIC MEETINGS IN ORDER TO PLAN AND COORDINATE THE BRAZILIAN ACTIVITIES THAT MAY BE PART OF THE ARTEMIS PROGRAM.

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FINALLY, WE WOULD LIKE TO EMPHASIZE THE COMMITMENT OF THE MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION OF BRAZIL IN COOPERATING WITH THE UNITED NATIONS OFFICE FOR OUTER SPACE AFFAIRS (UNOOSA) AND ALSO WITH THE COMMITTEE ON THE PEACEFUL USES OF OUTER SPACE (COPUOS), WHICH WE RECOGNISE AS THE UNIQUE MULTILATERAL FORUM FOR DISCUSSING THE BEST USE OF SPACE EXPLORATION FOR THE BENEFIT OF HUMANKIND.

THANK YOU FOR YOUR ATTENTION.