

**APRESENTAÇÃO DO MINISTRO DE ESTADO DE MINAS E ENERGIA,
BENTO ALBUQUERQUE, NO PAINEL GLOBAL CHALLENGES AND
OPPORTUNITIES IN THE ELECTRIC SECTOR DA RUSSIAN ENERGY
WEEK**

DEAR MINISTER NICOLAY SHULGINOV,

DEAR FRIENDS AND COLLEAGUES,

LET ME FIRST THANK THE GOVERNMENT OF RUSSIA AND ROSCONGRESS FOR THE INVITATION TO PARTICIPATE IN THE RUSSIAN ENERGY WEEK.

IT IS HIGH TIME FOR BRAZIL TO BE PRESENT IN THIS EVENT, WHICH HAS BEEN DISTINGUISHING ITSELF AS A KEY INTERNATIONAL FORUM IN THE ENERGY SECTOR.

2021 IS BEING A VERY SPECIAL YEAR WHEN IT COMES TO ENERGY TRANSITION.

OUR ECONOMIES ARE STARTING TO RECOVER FROM THE EFFECTS OF THE PANDEMIC AND WE HAVE TO AVOID SETBACKS. THERE IS A LOT OF INTERNATIONAL EFFORT PUT INTO THAT. WE HAD THE UN HIGH LEVEL DIALOGUE ON ENERGY, THE G-20 DISCUSSIONS ON CLIMATE AND ENERGY, AND IN THREE WEEKS WE WILL HAVE COP-26.

BRAZIL HAS BEEN ADVOCATING – TOGETHER WITH OTHERS, INCLUDING OUR BRICS PARTNERS AND THE MAIN INTERNATIONAL AGENCIES –

THAT, IN ORDER TO FULFILL THE GOALS OF THE PARIS AGREEMENT, WE WILL NEED TO DEPLOY ALL VIABLE TECHNOLOGIES AND SOURCES.

THERE IS NO SINGLE ROUTE FOR ENERGY TRANSITIONS. THIS IS A PROCESS THAT VARIES IN RHYTHM AND STAGE, AND NEEDS TO TAKE INTO ACCOUNT THE EXISTING COMPETITIVE ADVANTAGES AT NATIONAL, REGIONAL AND LOCAL LEVEL.

THIS IS PARTICULARLY TRUE FOR A COUNTRY LIKE BRAZIL.

AS YOU KNOW, CLEAN ENERGY – SUCH AS HYDROPOWER, NUCLEAR AND BIOFUELS - HAS BEEN AT THE CORE OF BRAZIL'S ENERGY PLANNING AND POLICIES FOR OVER FIVE DECADES.

AS A RESULT OF COORDINATED POLICIES AND INVESTMENTS, OUR ENERGY MIX IS COMPOSED OF 49% OF RENEWABLE SOURCES, WHILE THE WORLD AVERAGE IS 15%. AND OUR ELECTRIC MATRIX IS ALREADY 85% RENEWABLE, A “HARD TO MATCH” FIGURE.

BY 2030, WE WILL NEED ADDITIONAL 50 GW IN POWER CAPACITY AND 40.000 KILOMETERS IN TRANSMISSION LINES. THIS EXPANSION WILL IMPLY MAINLY RENEWABLE SOURCES, WITH SOLAR REACHING 11% AND WIND 14% OF TOTAL INSTALLED CAPACITY BY 2030.

NUCLEAR WILL ALSO PLAY A CRUCIAL ROLE AS A CLEAN AND RELIABLE BASELINE ENERGY SOURCE. WE FORESEE AN EXPANSION OF NUCLEAR GENERATION AROUND 10 GIGAWATTS IN BRAZIL OVER THE NEXT 30 YEARS.

NUCLEAR ENERGY WILL CERTAINLY CONTRIBUTE TO THE DECARBONIZATION OF THE GLOBAL ECONOMY; ONGOING TECHNOLOGICAL DEVELOPMENTS – SUCH AS SMALL NUCLEAR REACTORS – WILL REPOSITION THE SECTOR AND OPEN NEW AVENUES FOR INTERNATIONAL COLLABORATION AND BUSINESS.

BRAZIL IS ALSO DEVELOPING AND INCORPORATING NEW TECHNOLOGIES, SUCH AS HYDROGEN; CARBON CAPTURE, USE AND STORAGE; SMART GRIDS; AND TECHNOLOGIES RELATED TO ENERGY EFFICIENCY.

THERE IS A BRIGHT FUTURE FOR HYDROGEN IN THE COUNTRY, DUE TO OUR NATURAL RESOURCES, AN ABUNDANCE OF CLEAN ENERGY AND TECHNOLOGICAL AND INDUSTRIAL CAPACITIES. WE HAVE JUST APPROVED GUIDELINES FOR THE NATIONAL HYDROGEN PROGRAMME, WHICH AIMS AT A RAPID CONSOLIDATION OF THE HYDROGEN INDUSTRY AND MARKET IN BRAZIL. THE PRIVATE SECTOR AND SOME INTERNATIONAL PARTNERS ARE ALREADY PRESENT AND VERY ACTIVE.

BUT IN ORDER TO SCALE UP, WE WILL NEED A WHOLE RAINBOW OF LOW CARBON HYDROGEN, ESPECIALLY BLUE HYDROGEN FROM NATURAL GAS WITH CARBON CAPTURE. BRAZIL WILL EXPLORE ALL THESE TECHNOLOGICAL ROUTES, AND IN THIS PROCESS WE ARE VERY MUCH WILLING TO COOPERATE AND SHARE OUR EXPERIENCE WITH INTERESTED PARTIES.

DEAR COLLEAGUES AND FRIENDS,

THE ENERGY SECTOR IN BRAZIL IS GOING THROUGH A PROFOUND CHANGE.

IN THE LAST THREE YEARS, WE HAVE APPROVED THE NEW GAS MARKET LAW, THE POWER SECTOR REFORM, A NUMBER OF REGULATORY IMPROVEMENTS.

WE SEE ENERGY TRANSITION DEFINITELY NOT AS A BURDEN, BUT AS A TREMENDOUS OPPORTUNITY TO TRANSFORM OUR ECONOMIES, TO CREATE NEW JOBS, TO FOSTER SUSTAINABLE GROWTH AND INNOVATION, ADDRESSING PRESENT AND FUTURE NEEDS OF OUR SOCIETIES.

THIS WILL REQUIRE INTERNATIONAL PARTNERSHIP AND PUBLIC-PRIVATE COLLABORATION. BRAZILIAN GOVERNMENT – AND I KNOW I SPEAK FOR OUR BUSINESS LEADERS AS WELL - IS OPEN AND READY TO EXPLORE ALL THESE OPPORTUNITIES.

THANK YOU / BÁLCHÓI SPACÍBA

MINISTÉRIO DE
MINAS E ENERGIA

