

In order to implement the ‘Belt and Road’ initiative and jointly respond to global food security challenges, the Chengdu Institute of Biology, Chinese Academy of Sciences, led the effort to jointly launch The Alliance of International Science Organizations in the Belt and Road Region on Rice & Wheat Variety Technology Innovation and Transfer (ANSO-RWIT) with relevant domestic and foreign research institutions, universities, government administrative departments and enterprises. The members of the alliance include more than 30 units from more than 10 ‘Belt and Road’ countries, among which the chairman unit is Chengdu Institute of Biology, Chinese Academy of Sciences, and the vice chairman units are Sanya Institute of Hainan National Breeding and Multiplication, Guangdong Seed Association, Sichuan Agricultural University, Guangxi Academy of Agricultural Sciences, MADI of Malaysia, YAU of Myanmar, CP of Thailand and NARC of Nepal.

Alliance purpose:

In order to strengthen the exchanges and cooperation among China and nations alongside the “Belt and Road” in the field of technological innovation and transfer of rice and wheat varieties, and with the goal of “achieving synergistic innovation, promoting technological progress, and leading industrial development”, the Alliance aims to establish a technology exchange platform for wheat and rice varieties and focus on cooperation and research on variety technology innovation and transfer, so as to further develop agricultural technology in nations alongside the “Belt and Road” and put joint efforts to safeguard food security worldwide and enjoy its fruit together!

The alliance has successfully co-organized the Third China (Sanya) International Rice Forum, the ‘Belt and Road’ rice and wheat international seminar and training session and the paddy field exhibition. Organized the ‘Belt and Road’ cooperation investigation on the quality rice and agriculture in China and Thailand; In Myanmar, Nepal, Laos and Malaysia, 12 new rice varieties, 17 new wheat materials and 2 new technologies for rice seed production were tested and demonstrated. A new self-bred rice variety Keyou16 has been registered and tested in Nepal, and a new rice variety Keyou1599 is being registered and tested in Myanmar.

Vision for future work:

Vigorously promote ANSO-RWIT, develop and expand alliance members at home and abroad, completed as soon as possible with a range of international fame and influence of project alliance, the combination of ‘going out’ and ‘industry-university-research cooperation’ common focus on implementing technology platform, collaborative research, experiment and demonstration, training, promotion as one of the varieties of rice and transfer technology

innovation international cooperation and exchanges, summary form strategy consulting report, service 'Belt and Road' initiative and food security strategy.

