

# THE YOUNGEST CEO IN HISTORY OF AUSTRIA WILL ATTEMPT TO LAUNCH A SUB-ORBITAL ROCKET IN 2023.

**On January 4<sup>th</sup>, 2022, a 13-year-old boy of Japanese origin received approval by Austrian court in Vienna to establish a company for launching space rockets.**

This special request was processed within a 4-months period, during which the court analyzed the benefits for the boy and for the society, since the permission is to be given to a founder, below minimal age of 18.

Issey Ryu Itahashi was at first expecting it might be needed to apply in different countries, in case if he would be denied registering a company here in Vienna due to his young age, but Austria gave him this opportunity and now he can follow his passion to create a new type of European space program, managed from the center of Austria.

## **Who is Ryu Issey?**

Issey is a one of the youngest high school graduates in United Kingdom with specialization in Mathematics and Physics who completed his degree in 2021 and who is presently preparing for university with major in Mathematics and Rocket Engineering, as the CEO of his new company with highly valued permission for space launch.

On September 9<sup>th</sup>, 2021, Issey received a very rare permission to launch a sub-orbital rocket, which shall exceed the stratosphere in the year 2023, from the territorial zone of Seychelles, issued by the Vice President of Seychelles Mr. Ahmed Affif.

**In the year 2021, only 11 countries were active with Space Rocket Launch. How could only 13 years old boy receive such the permission?**

After finishing his high school degree at the age of 13, Issey worked as teacher of mathematics at a Secondary school in Seychelles by the permission of Minister of Education. After working in Seychelles for about 3 months, he started to become recognized in the public and became somehow a part of national interest and even met representatives of government of Seychelles with whom he communicated his interest to launch a rocket.

The permission for sub orbital rocket launch was granted to Issey only 2 months after his official application. This permission makes his newly established company very valuable, as only about 50 companies in the world (among which most are owned by National Governments) hold permit for rocket launch and private companies must usually overcome years long difficulties. Even the most famous space explorer, Mr. Elon Reeve Musk had to wait almost 1 year for his Falcon 9 Rocket to receive the permission for the first launch.

**The government of Seychelles also plans to divert the air traffic during the day of the Rocket launch**, which would not be possible on our continent, due to heavy air traffic. Plus, Seychelles is ideally located at the equator where the speed of rotation is higher than countries further away from the equator. The project is planned to be financed by private investments of supporters, but to develop new technologies Issey also plans to apply for co-funding cooperation under European Union programs, dedicated to Space technologies and for Austrian research.

## Cool information

- Issey's company name **Caramel Rockets** is not just fun but also makes sense. He and his chemistry professor will try to attempt to launch the first rocket with a fuel that never made it to space (Karman Line), a mixture of sugar and potassium nitrate known as "Caramel/Sugar Fuel".
- To launch first rocket successfully they will have to produce **multiple rockets** to be tested at the island of Seychelles, prior to the day of launch.
- Since the Rocket technologies fall under highest security regulations Issey could only develop the rocket if he owns a company which hires engineers with security clearance. **Only few countries** in the world allow a founder of the company to be 13 years old boy.
- Issey's first rocket will carry into space the **Vanilla seeds** which is the high-quality export product of Seychelles, representing Issey's appreciation toward Seychellois people.

- Issey who works on this launch with his Chemistry professor and 2 other experts in Rocket Engineering will also welcome **Austrian Students** who would like to join their online study or physical preparation sessions for this launch. The selected students will be able to join the physical rocket launch in person from Seychelles in 2023. (instruction for students are available at: [www.caramelrockets.com](http://www.caramelrockets.com))

- Issey is planning to start uploading videos for young fans of rockets on to YouTube. (YouTube channel "**That Japanese Boy**".)

- Issey finished elementary school at age 10 and High school at age 13 with multiple Mathematical and Scientific Awards. After spending 500 hours at the laboratories in the famous Gemology school in Idar Oberstein, at the age of 11 he became the world youngest certified evaluator of Diamonds, Gems and Pearls, who can give expert opinions in court.

