



Online Innovation Camp
Organizers: Bernhard Schulte Shipmanagement (BSM), JA Europe, and JA Asia-Pacific: Building Stronger Minds (BSM)
16.11.22-23.11.22

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The week-long Innovation Camp organized by Bernhard Schulte Shipmanagement (BSM), JA Europe, and JA Asia-Pacific: Building Stronger Minds (BSM) from 16th - 23rd November 2022 was attended by Eshita Chawla, Lavanya Bhonde, and Arsh Ali of grade IX. Students were invited to develop innovative ideas to solve problems associated with the maritime industry and present them on an international platform to be validated by people with many years of experience in the industry. Overall, there were ten teams. The teams consisted of six members, three from Asia-Pacific and three from Europe. Our team also shared a similar structure with 3 team members from Poland. Introductions were done via email a few days before, and each of them had access to a Mural Board to brainstorm. The first session was a student networking session where the members were introduced to one another and a light conversation was had to understand each other's skills better, based on which the roles were divided. The next session was an opening event that comprised career talks by the jury and the Problem was given: Extend the lifecycle of materials used in the Maritime Industry either on port or shore while keeping in mind the involvement of any of the one or two 7Rs. A particular presentation format was shared in which the innovative idea had to be shared. The next session was an advisory session, each team had a mentor with whom they brainstormed ideas. Throughout the next few days, the team continuously worked on their idea to ensure that it fulfilled various social, economic, and environmental requirements. They finally came up with an innovative solution to extend the lifecycle of the old shipping containers, by providing these waste containers an inner layer of unrecyclable Plastic(straws, caps, wrappers, etc) and an outer thin layer of silicone rubber to provide higher heat, water, and ozone resistance as well as more strength and durability, This refurbishing would entirely be done using waste materials found in the environment and these new Containers life-span would be three times the life span of the container already in use: 100 years. This would be economical as well because our refurbished containers' price would be 50% less than what's already there in the market and it would even last longer. Keeping this innovative solution in mind the team came up with the name P-Flakes an acronym for Plastic Flakes. The judges were quite impressed by the highly unique idea and applauded the efforts. P-Flakes won the first position. This amazing opportunity to dazzle in an international event was provided by the teacher-in-charge Ms. Jaya Lakshmi. The team picked up a lot of valuable traits along their course to achievement like finance management, leadership, time management, etc.

