

Summer 2023



ODYSSEY

The official newsletter of the Space Science
Environmental & Engineering Foundation

COMING UP IN THIS NEWSLETTER!

SSEF's stellar journey to the ISSDC 2023;

NEWS FROM THE SSEF for EU, UK and EnviroDC;

TIPS and TOOLS;

STUDENT STORIES: interview with TongTong from Thailand about learning from a DC experience;

How to register for volunteering with us;

LATEST SPACE NEWS FROM AROUND THE WEB; #space and #enviro on social;

Our wonderful sponsors and supporters, past and present

Upcoming UK Space events- [Click Here](#)

Upcoming UK Eco events- [Click Here](#)

FEATURE



SSEF's Stellar Journey to the International Space Settlement Design Competition

Report from SSEF's, Sam Hession who accompanied the SSEF teams to the ISSDC 2023

Hey there, space enthusiasts!

We at the SSEF (Space Science Education Foundation) are over the moon (pun intended) to share our incredible adventure at the International Space Settlement Design Competition (ISSDC) held in July 2023. Buckle up as we take you on an intergalactic ride to the prestigious Kennedy Space Center in Florida!



To read the full report, [CLICK HERE](#)

NEWS FROM THE SSE²F



EU competitions in 2023-24 will be wholly online, except for the set of international finalists who will go to NASA. This makes the competition open to even more people in the EU. Country competitions will be held online for Portugal, Italy, Spain, Romania, France and Ukraine. An online competition will be provided for the 'rest of EU' if students wish to compete from EU countries not on the current list. We are looking for veterans of the competition to help us bring the event to more people, and you can find out how to volunteer later in the newsletter, or go to the volunteer registration [HERE](#)

The regional heats are open for registration. [CLICK HERE](#) to go to our dates and registration page.

UK Space Design Competition Regional Heats dates have mostly been set. Read more about your schools' opportunities to compete in the space design competition.

The regional heats are open for registration. [CLICK HERE](#) to go to our dates and registration page.



Enviro Design Challenge goes live! Liverpool University and Oxford Brookes to host events. The "off-Earth" Space Design Competitions are being replicated for on-Earth, in places with real design needs, such as shantytowns fringing Freetown in Sierra Leone. To visit the EnviroDC webpage [CLICK HERE](#).

The regional events are open for registration. [CLICK HERE](#) to go to our dates and registration page.



TOP TIPS:

TOP TIP-

Utilising the Press Release

Our SSEF Tip of the Month is: "Make better use of the Press Release!"

Judges often comment that designers should pay more attention to the Client's motivation for building the settlement. The motivation is best summarised in the Press Release.

This is the reason why you are given a Press Release: it sets you up to read the RfP or the RfEnviroP.

Read the Press Release; Think about the Client's motivation(s).

TOP TOOLS:

TOP TOOL-

Simple slide structure for presenting complex designs

TongTong from Thailand came up this diagram (below) with a simple format for complex explainer-diagrams. SSEF Alison had scribbled the idea on paper (as she has for many other competitors over the years) but TongTong amazed her by re-writing it for the benefit of his company and showing it to them, within minutes. TongTong was president of a "GSDC" company in August 2023 in London.

It is rare for a busy president to be able to take-on-board a critique/advice and not merely repeat it but improve it.

So, to benefit everyone who makes presentations about complex designs that address diverse issues, here is TongTong's slide and Alison's notes from his explanation of it.

[CLICK HERE](#) to read more about why and how he developed the tool to help his team to 'SHOW & JUSTIFY' their solution beyond merely declaring it.

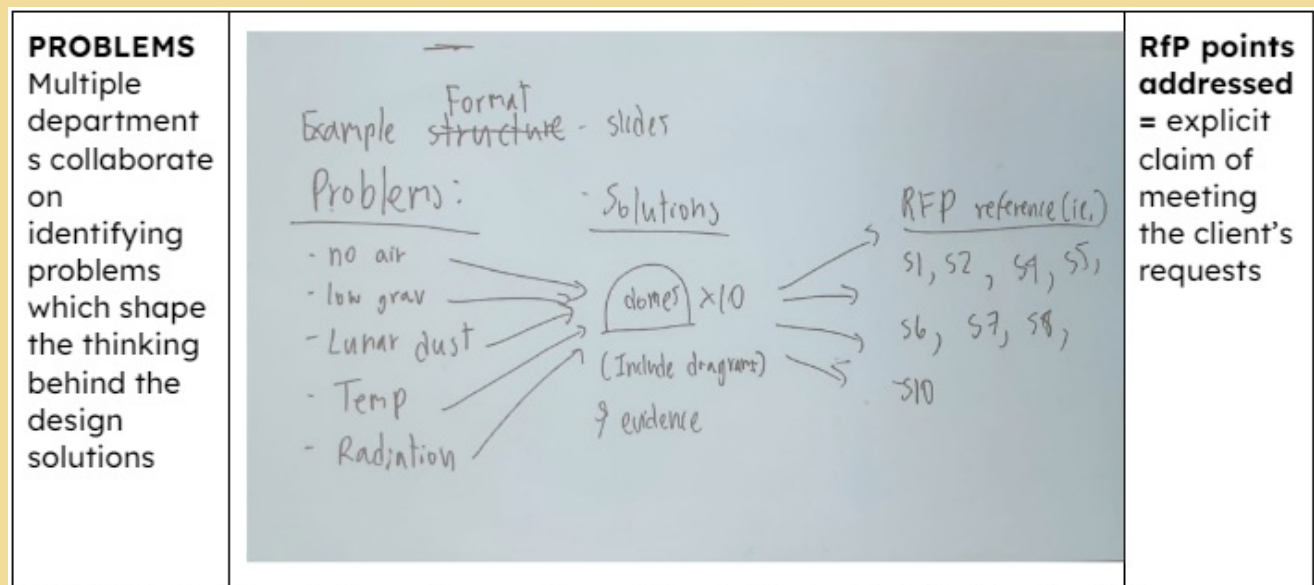


FIGURE 1: TongTong's Format for complex solutions to be elucidated to the client/judges.

STUDENT STORIES

Meet TongTong from Thailand (author of this newsletter's Top Tool for structuring slides). This interview by SSEF with TongTong, analyses the learning curve for a company president.

TongTong was president of a "GSDC" company in August 2023 in London.

To read the full interview [CLICK HERE](#)



VOLUNTEERING

Gain work experience and have fun, from the 'staff side' of events. How to become a volunteer supporting the Space Design Competition **and/or** the Enviro Design Challenge **and/or** the junior versions. Modes are online or in person, weekends or in summer.

Volunteers are essential to SSEF's ability to run free events in UK and EU during termtime for school students (and in Africa and the Middle East).

To read more about the benefits of volunteering, the modes of volunteering, what you do/do not do as a volunteer, and how you can have impact, fun and learn, [CLICK HERE](#).

NEWS

We look at the latest space and environmental news from around the world.



Inside Science

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Space News

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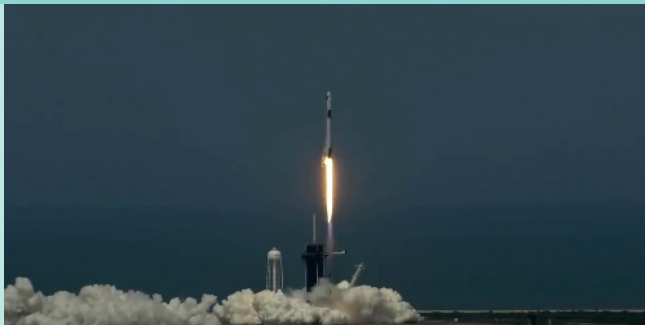
UN Environmental news

[Read More](#)

#SPACE & #ENVIRO ON SOCIAL

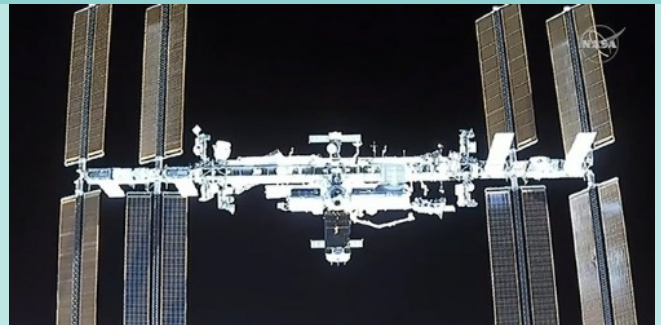


If you're interested in learning more about space then there is so much information out there on social media. Below is a selection of some recent #space tweets and videos! Why not follow some of the sites to keep up to date with all the latest news.



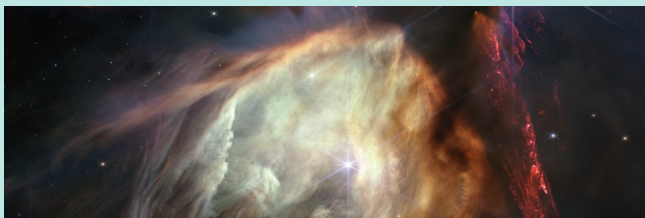
@SpaceX

SpaceX designs, manufactures and launches some of the world's most advanced rockets and spacecraft. [Click Here for more](#)



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NASA's page for the latest updates from the International Space Station. [Click Here for more](#)



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@UNEP

Official account of @UN Environment Programme [Click Here for more](#)

WANT MORE INFORMATION?

If your school would like more information on any of SSEF's programmes, please contact Jenny Lyons at j.lyons@ssef.org.uk or Sam Hession at s.hession@ssef.org.uk

Other ways to get involved with the SSEF

Become a Sponsor

Volunteer

SPONSORS AND SUPPORTERS

Students will never forget the people they meet, the friends they make, or the supporters who help them. Backing the SSEF is not a one-way street. Sponsorship is as advantageous for you and your future as for the young designers and explorers of tomorrow.



Thanks for reading.

Please consider a [donation to SSEF](#).

Space Science Environmental & Engineering Foundation

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