

ND SYSTEMS
ment and Operations E

A T I O N B E G I N S H E R

A W N
A N E W E R A



1
00:00:02,550 --> 00:00:03,050

\h (music)

2
00:00:03,050 --> 00:00:07,030

\h Narrator: Astronauts may have fresh fruits and vegetables during future missions,

3
00:00:07,030 --> 00:00:12,030

\h thanks to the 2013 International Space Apps Challenge.

4
00:00:12,030 --> 00:00:17,080

\h Space enthusiasts with diverse backgrounds from Kennedy Space Center and the general public

5
00:00:17,080 --> 00:00:23,280

\h converged at the Center for Space Education at the Kennedy Space Center Visitor Complex and around

6
00:00:23,280 --> 00:00:29,200

\h They gathered on April 20 and 21 to develop and pitch their ideas to NASA.

7
00:00:29,200 --> 00:00:34,710

\h Kennedy's teams brainstormed ideas and talked with NASA subject matter experts to

8
00:00:34,710 --> 00:00:39,290

\h solve challenges relevant to improving life on Earth and in space.

9
00:00:39,290 --> 00:00:43,720

\h Kennedy Space Center is the first-ever NASA center to host the challenge.

10
00:00:43,720 --> 00:00:45,220

\h Caley Burke, Kennedy Space Apps Lead: Kennedy Space Center will be reviewing the

11
00:00:45,220 --> 00:00:48,200

\h solutions to all the challenges and all of the solutions that were meant for the KSC challenges.

12
00:00:48,200 --> 00:00:52,410

\h We want the whole world looking at these challenges and coming up with interesting solutions.

13
00:00:52,410 --> 00:01:00,720

\h Narrator: Worldwide, more than 9,000 people and 484 organizations competed in 83 cities across 44 countries.

14

00:01:00,720 --> 00:01:07,000

\h as well as online and presented their ideas to panels of technical and non-technical judges.

15

00:01:07,000 --> 00:01:09,280

\h David Thorpe, Subject Matter Expert, CPDD: We're here in the Center for Space Education working for

16

00:01:09,280 --> 00:01:16,110

\h KSC Space Apps Challenge for the weekend. We've been working with Envision KSC 2040 all weekend.

17

00:01:16,110 --> 00:01:19,770

\h There's been a lot of great brainstorming, a lot of creative ideas.

18

00:01:19,770 --> 00:01:24,950

\h Narrator: The winning team from Kennedy presented their idea for using a space-based greenhouse

19

00:01:24,950 --> 00:01:30,340

\h as a stop off point to gather fresh food to sustain them during their space voyage.

20

00:01:30,340 --> 00:01:33,630

\h Jamie Szafran, GSDO: Today my team worked on the deployable greenhouse project.

21

00:01:33,630 --> 00:01:39,950

\h We designed and did a presentation on a greenhouse for astronauts traveling to the moon,

22

00:01:39,950 --> 00:01:43,830

\h Mars, or near-Earth objects to collect fresh produce in space.