

CubeSat Developers Workshop 2024



21st?

CubeSat Developers Workshop 2024



For stories:

Aaron Zucherman's upcoming Book



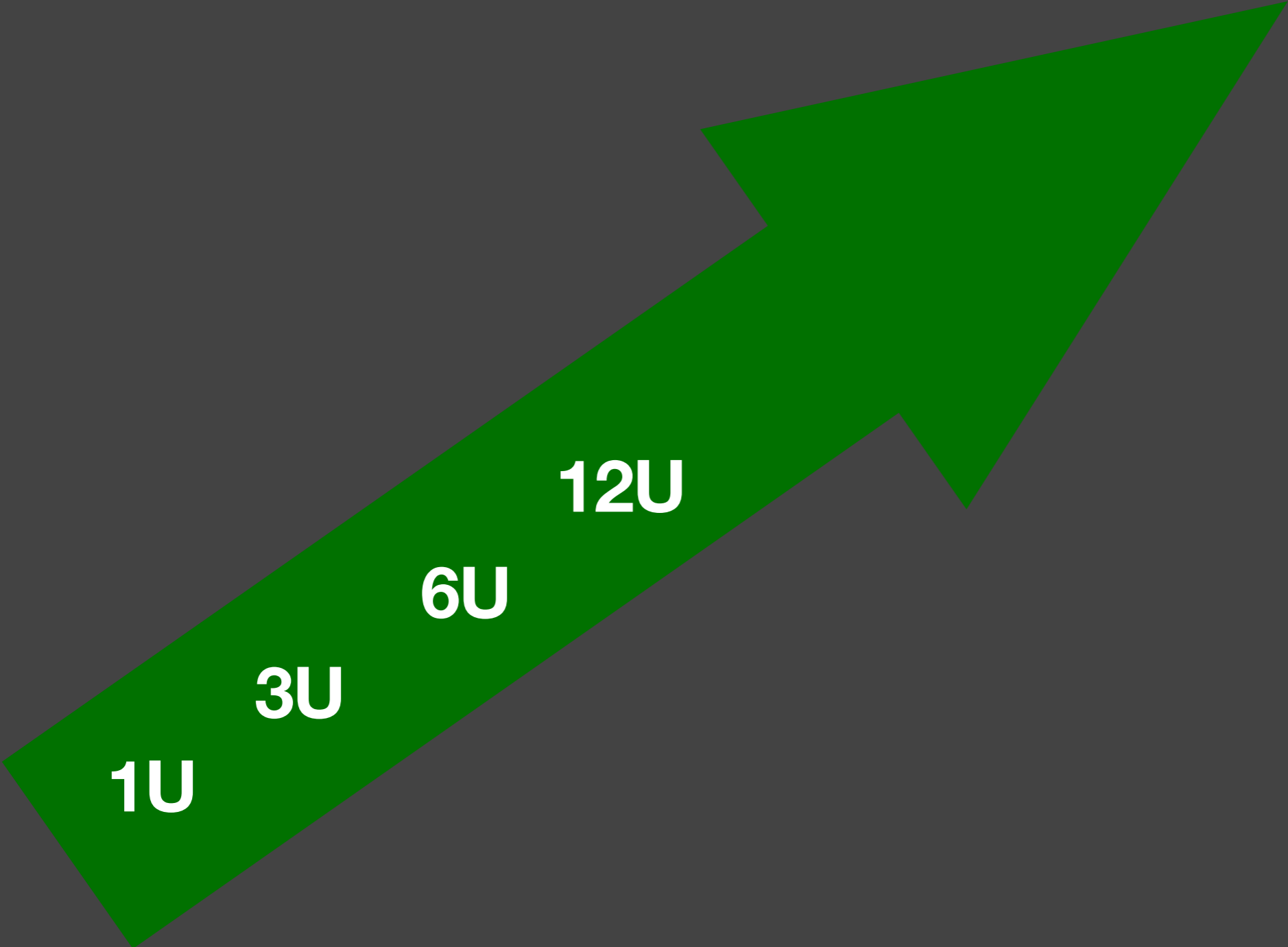
**Are CubeSats Still
Relevant?**

Are CubeSats Still Relevant?



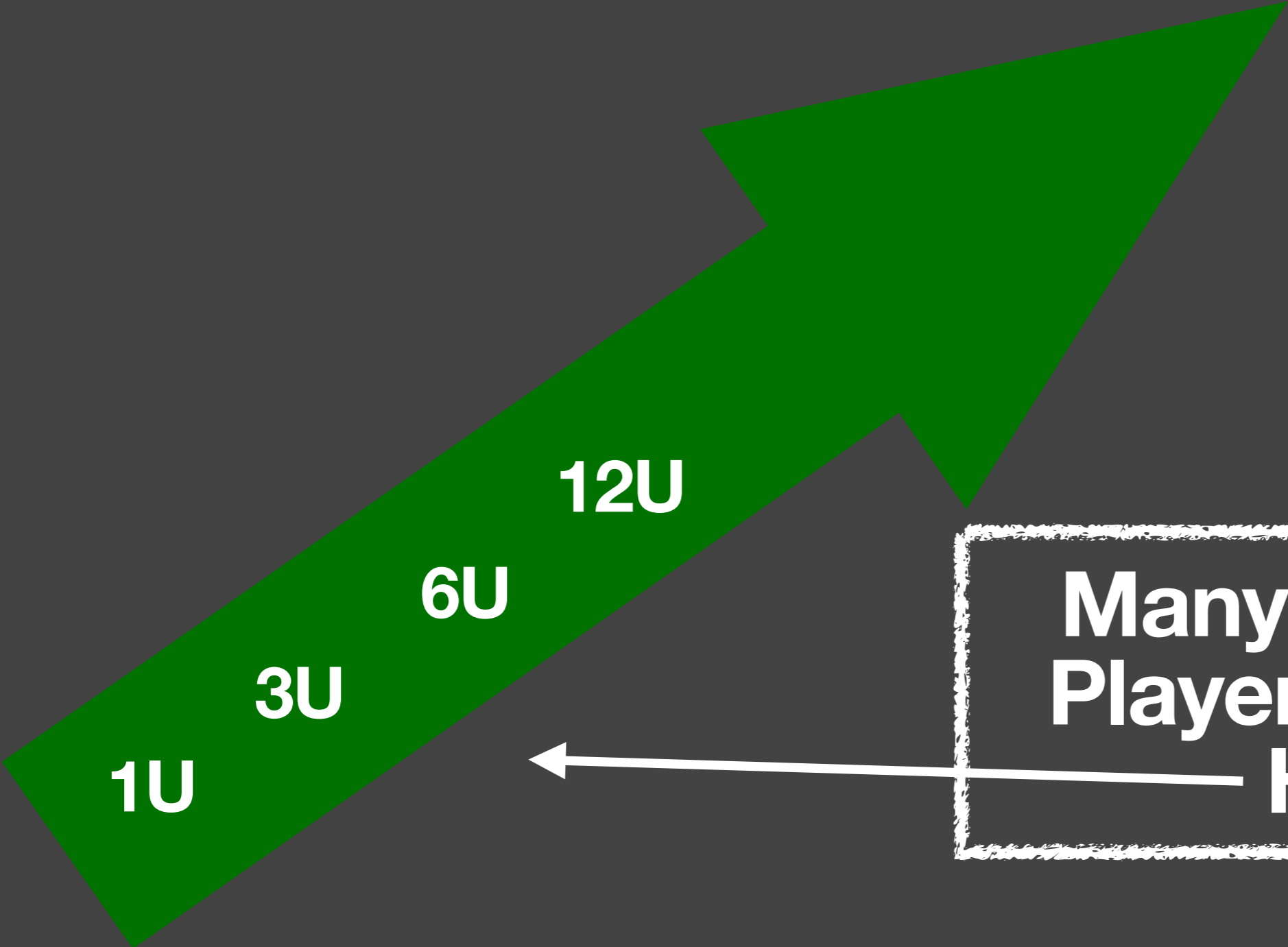
NEW SPACE TREND

100-500kg

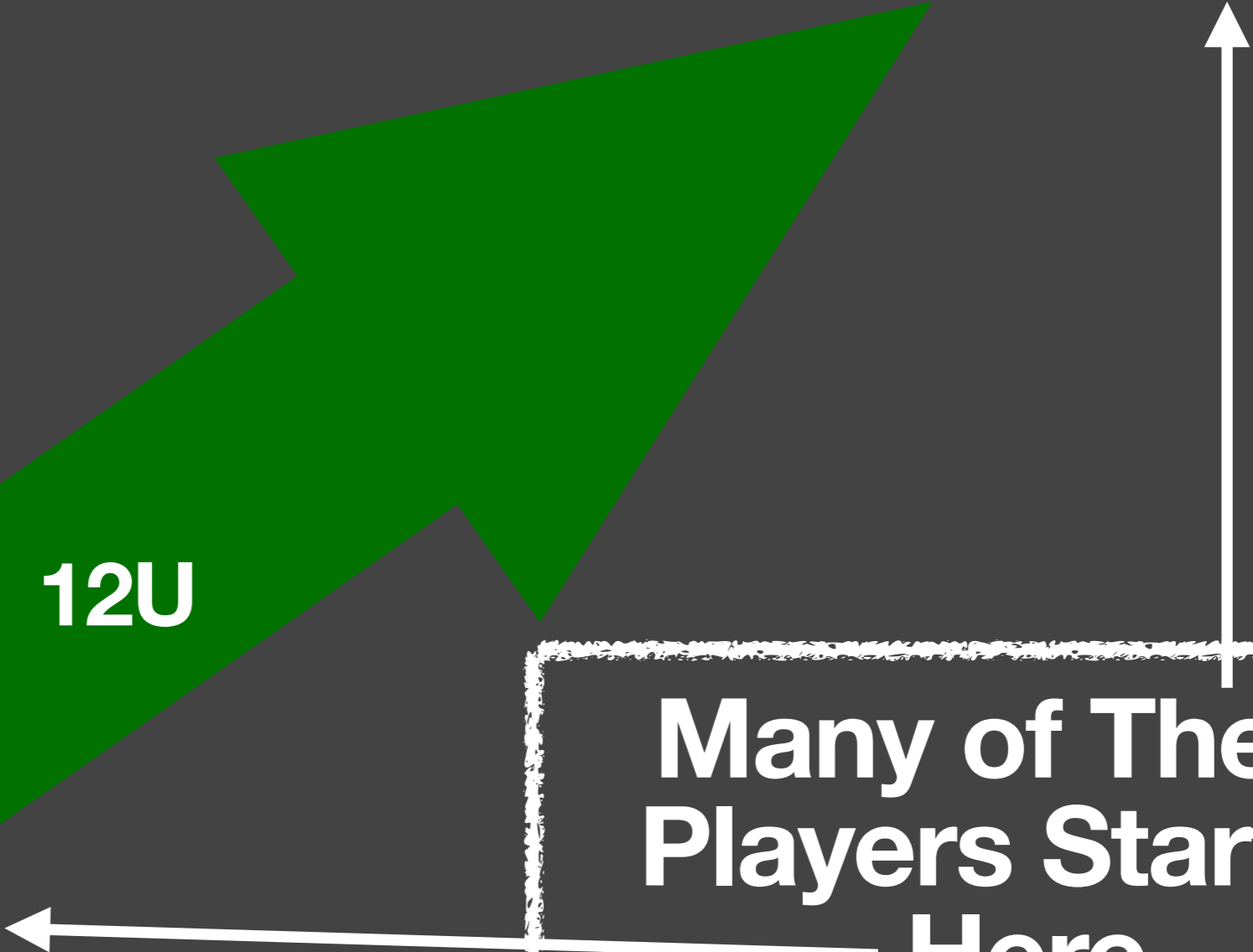


NEW SPACE TREND

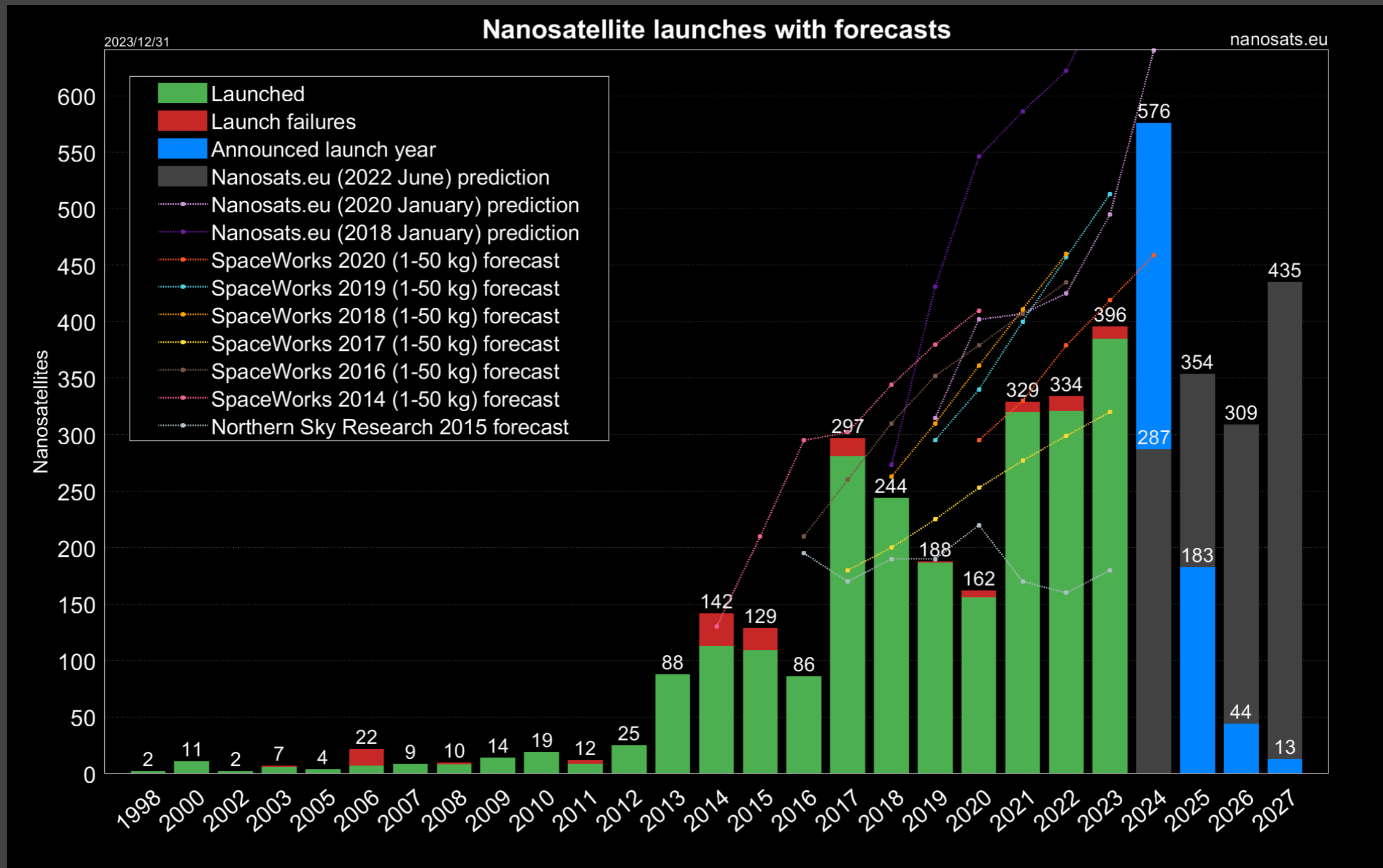
100-500kg



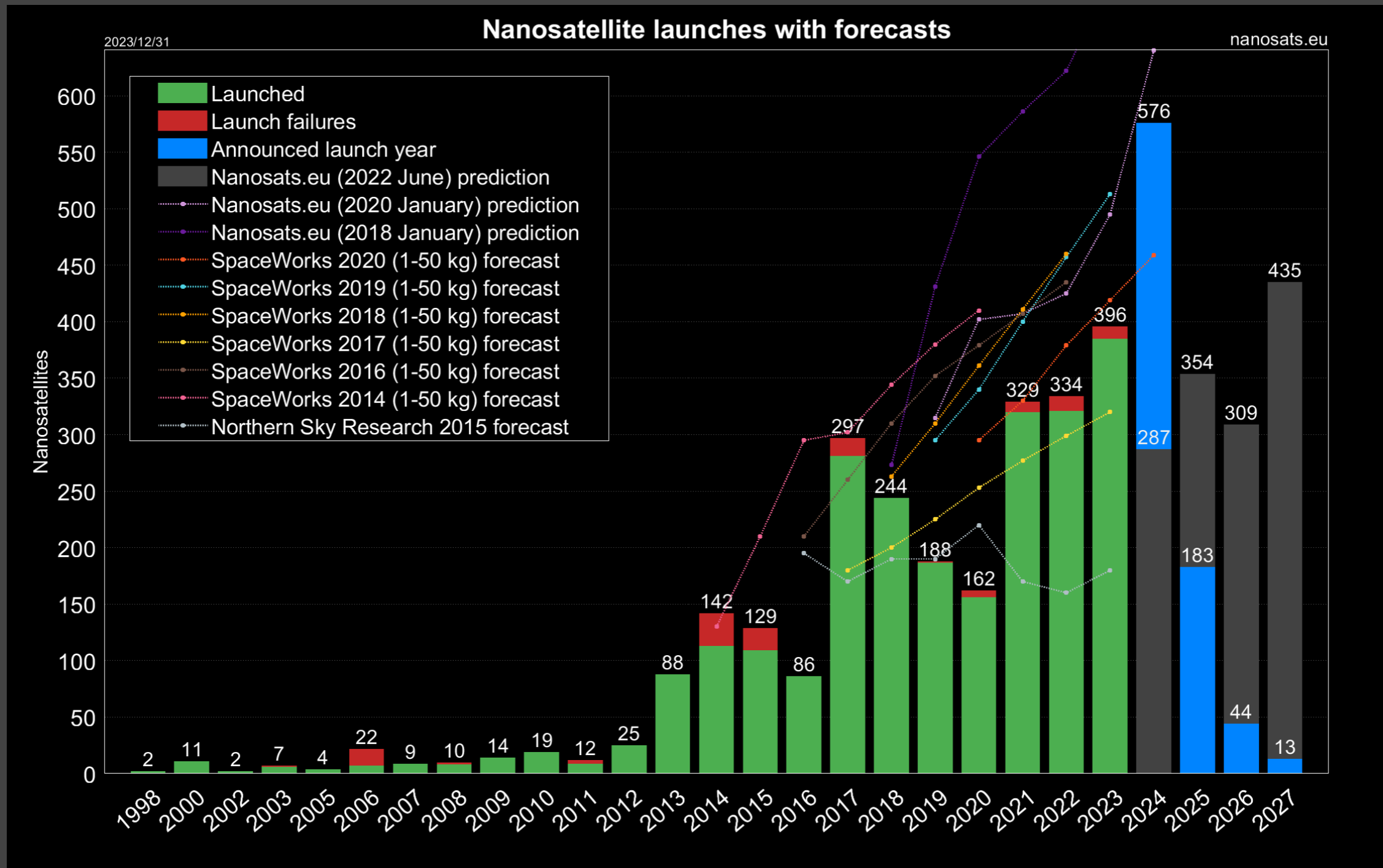
Many of These
Players Started
Here



What did CubeSat do?

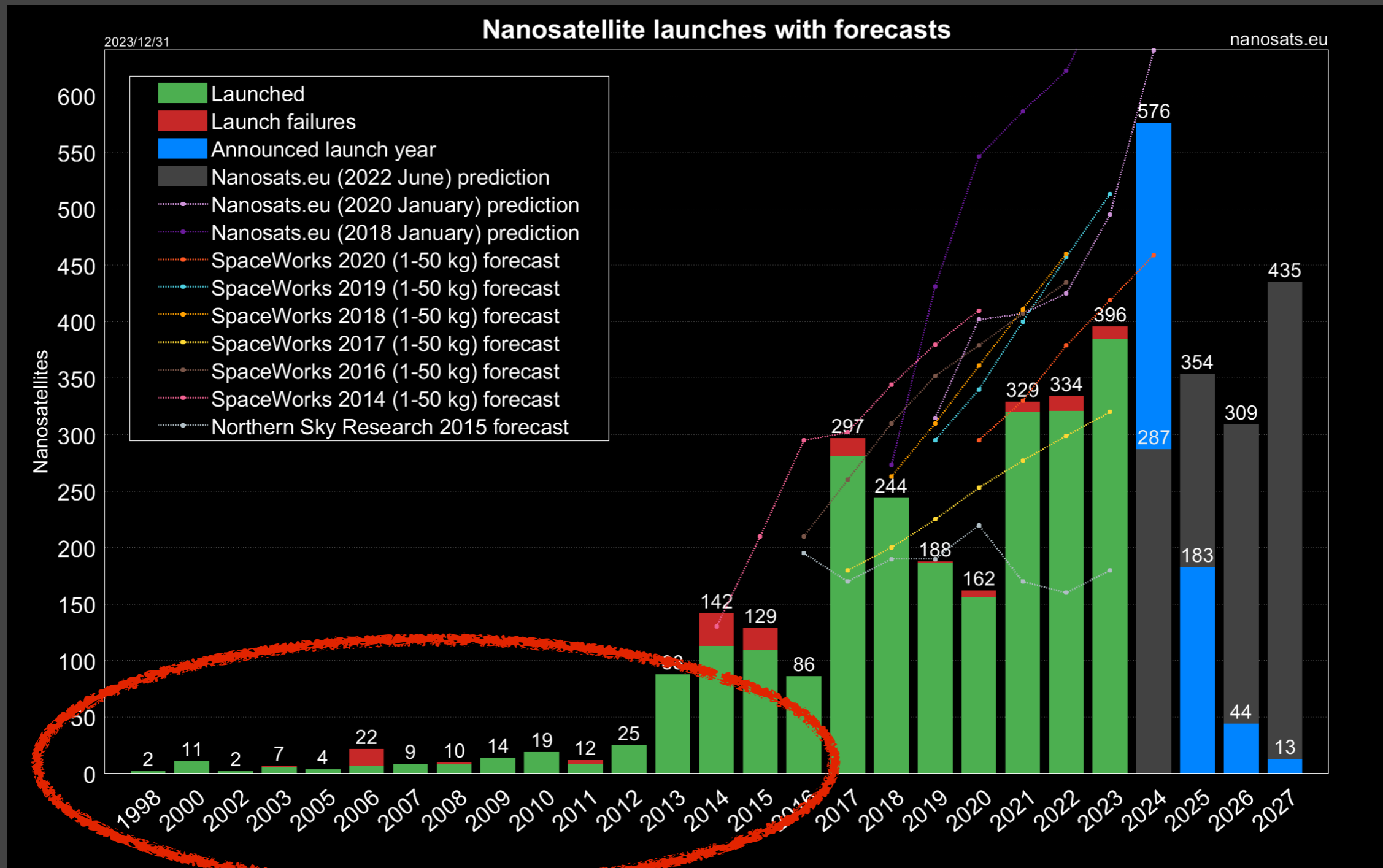


What did CubeSat do?



Started a Revolution!

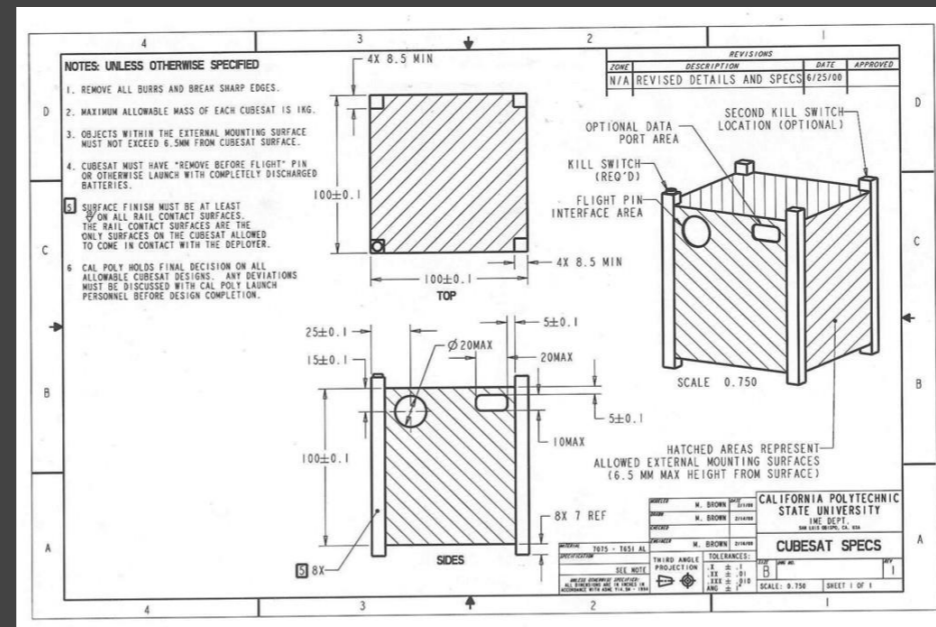
What did CubeSat do?



CubeSats too Small to do
Anything Useful!

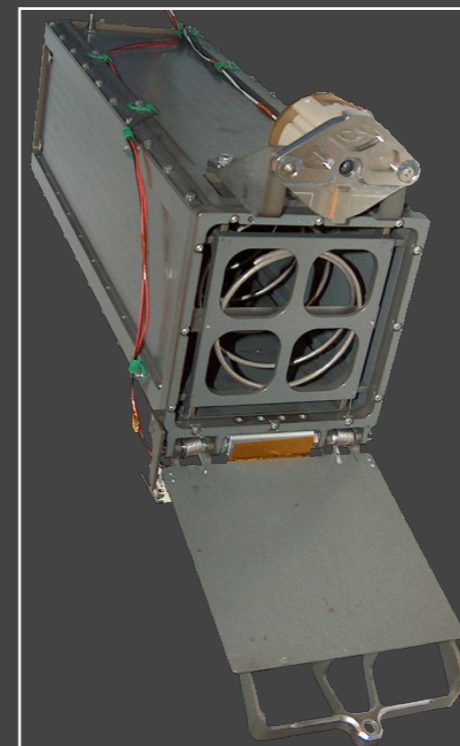
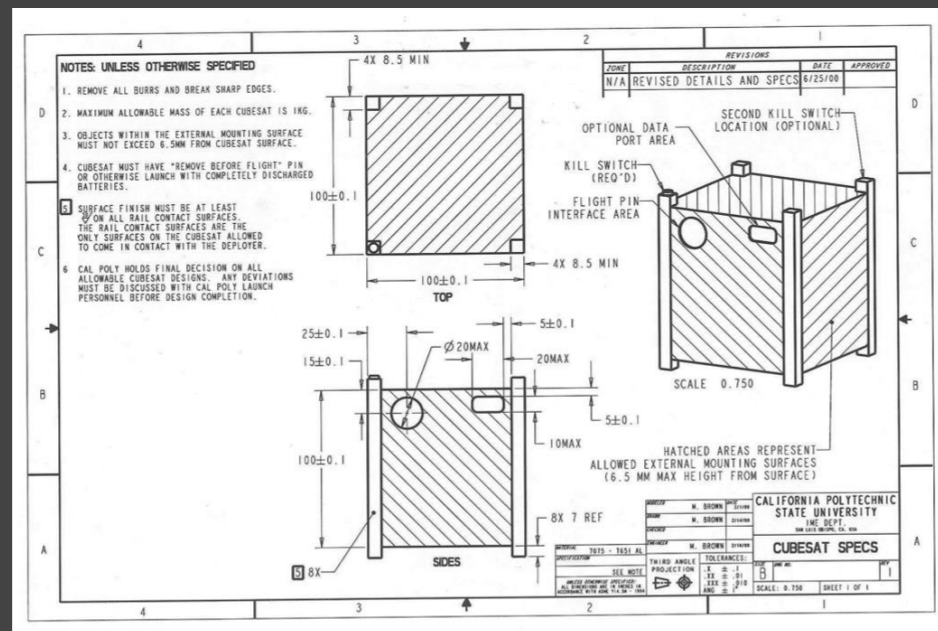
Key Elements for Success

CubeSat Standard



Key Elements for Success

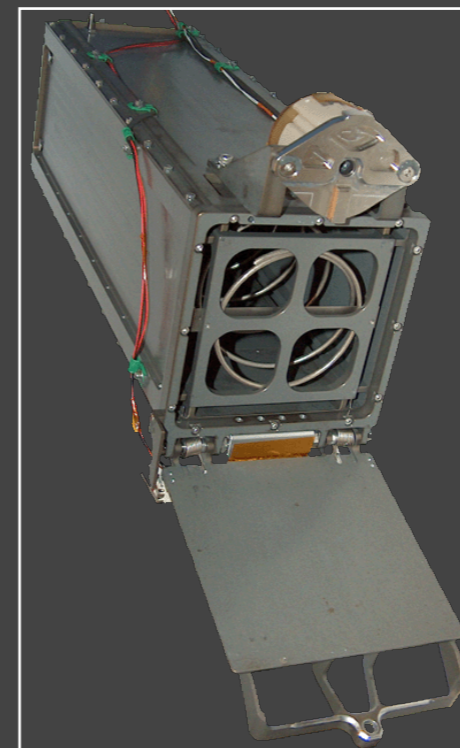
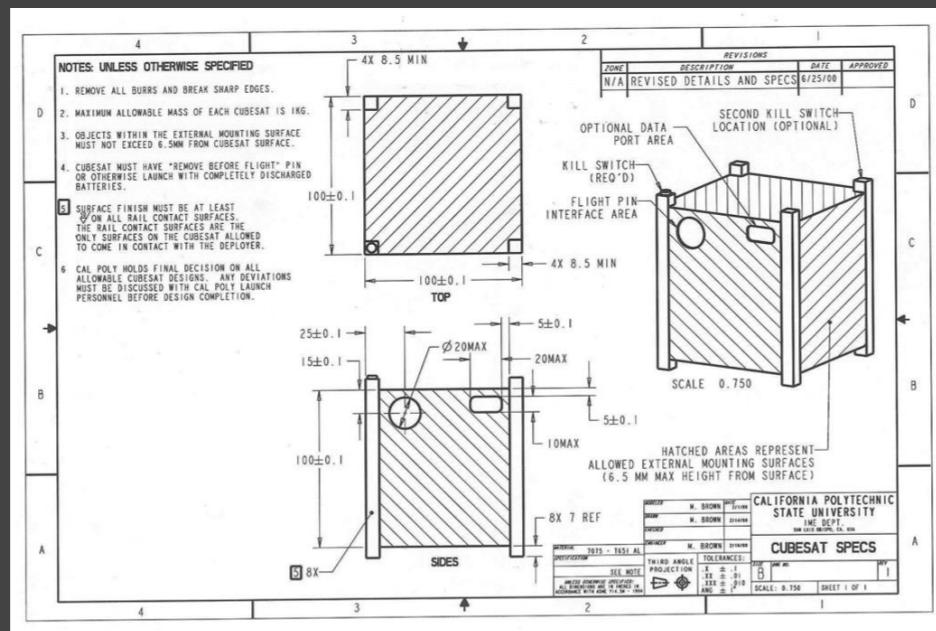
CubeSat Standard



P-POD Deployer

Key Elements for Success

CubeSat Standard

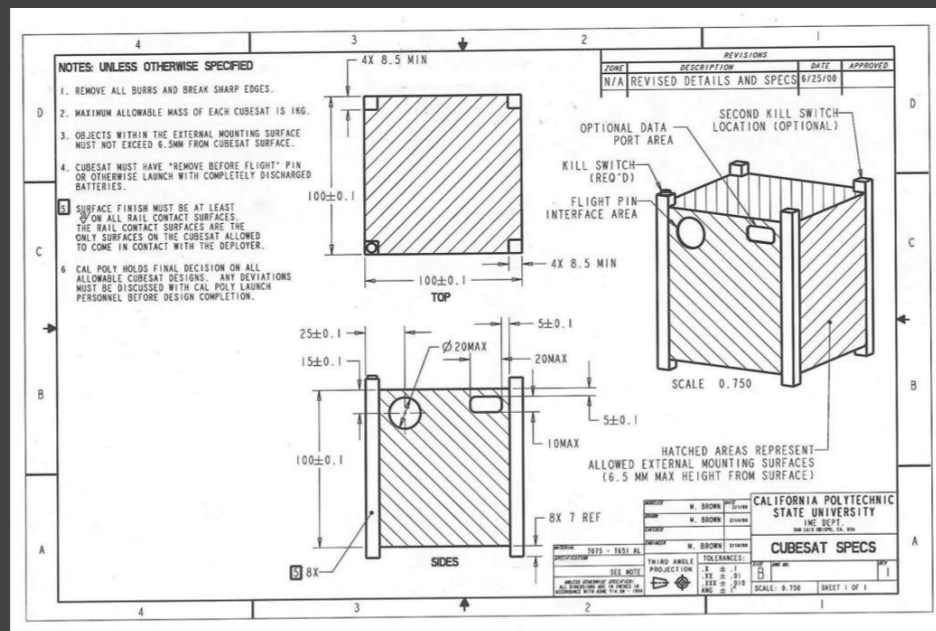


P-POD Deployer

CoRE Isolator (Cost/Risk/Effort)

Key Elements for Success

CubeSat Standard



**P-POD
Deployer**

CoRE Isolator (Cost/Risk/Effort)

STILL THERE

CubeSat Initial Objectives

Education (Primary Objective):

- **Engineering Training Tool**

Tech Demo:

- **In Space Testing Tool**

CubeSat **Surprise** Results

Education (Primary Objective):

- Engineering Training Tool
- **Created Entrepreneurs**

Tech Demo:

- In Space Testing Tool

CubeSat **Surprise** Results

Education (Primary Objective):

- Engineering Training Tool
- **Created Entrepreneurs**

Tech Demo:

- In Space Testing Tool
- **Entry Point for New Players**
 - **Companies, Countries, . . .**

Moving Forward

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- **Innovators will be Trained on CubeSats**

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- **Innovations will be Tested on CubeSats**

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- **New Players will Enter the Market Using CubeSats**

Moving Forward

- **Innovators will be Trained on CubeSats**
- **Innovations will be Tested on CubeSats**
- **New Players will Enter the Market Using CubeSats**
- **Technology will continue to Increase CubeSat Capabilities**

My Answer:

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Yes, CubeSat is Still Relevant

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Yes, CubeSat is Still Relevant

**Ignore the CubeSat community
at your peril**

Final Thoughts

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- **Leverage the CubeSat Standard**

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- **Engage with the CubeSat Community**

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- **Continue to Question the Experts**

Final Thoughts

- **Leverage the CubeSat Standard**
- **Engage with the CubeSat Community**
- **Continue to Question the Experts**
- **Don't Forget to have Fun!!!**

Thanks!

Questions?