

WOMEN SPACE ENTREPRENEUR

HOW TO SET UP A SPACE COMPANY PERSONAL EXPERIENCE, INSIGHTS AND RECOMMENDATIONS

Ana Cristina Galhego Rosa
Founder & CEO DIPTERON UG
IASS Entrepreneurship Director



UN/REPUBLIC OF KOREA
SPACE4WOMEN EXPERT MEETING
16-19 August 2022

www.dipteron.com



DIPTERON

PROBLEM

>50 million people infected/year

40% of diseases on the planet

US\$ 39.3 billion
(annual global cost)

BRASIL 2019

DENGUE CASES

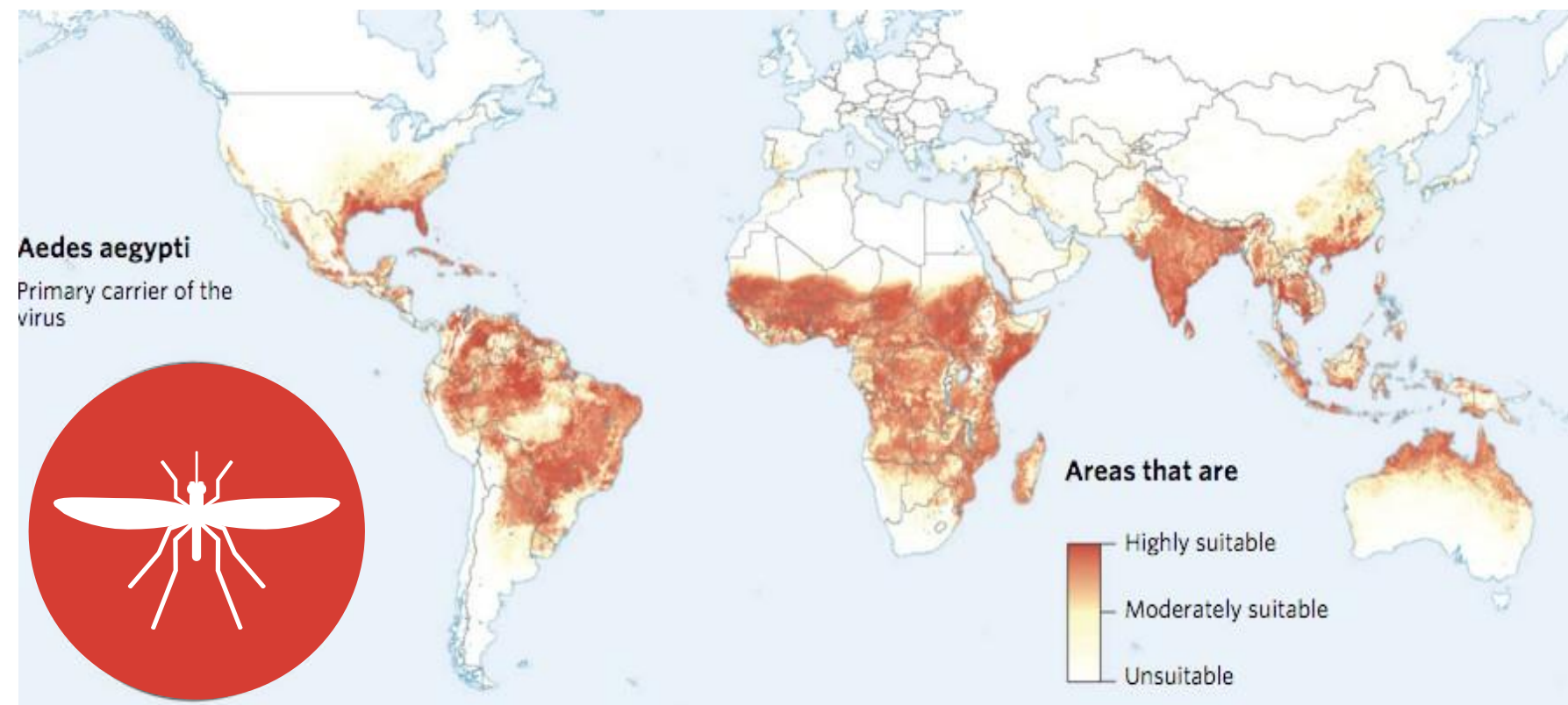
1.4 MILLION
339,3%
(2018 – 2019)

COSTS (US\$)

500 MILLION



NO VACCINE

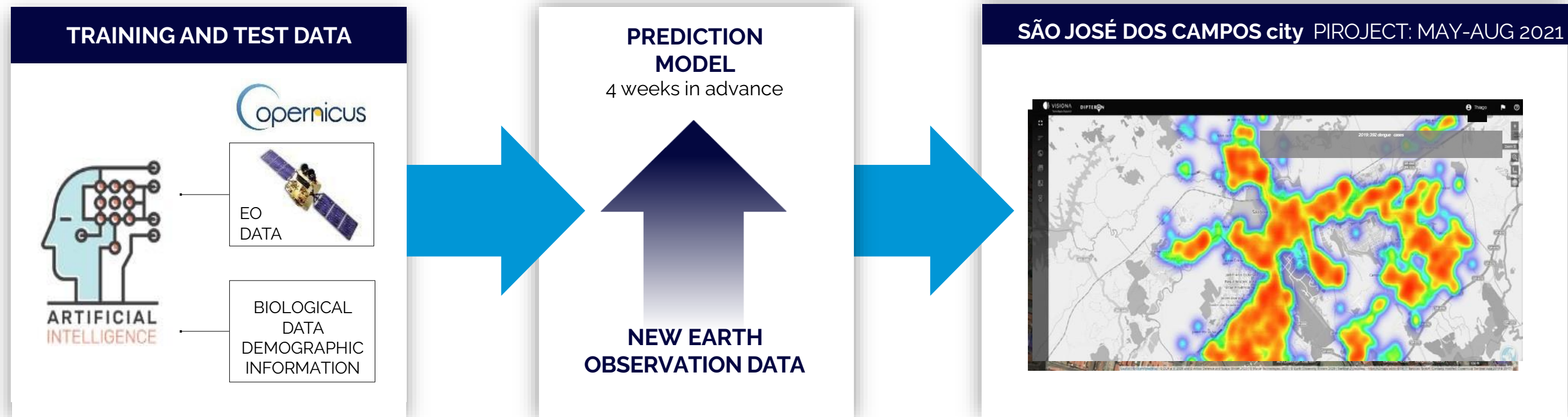


Source: sciencedirect.com

SOLUTION

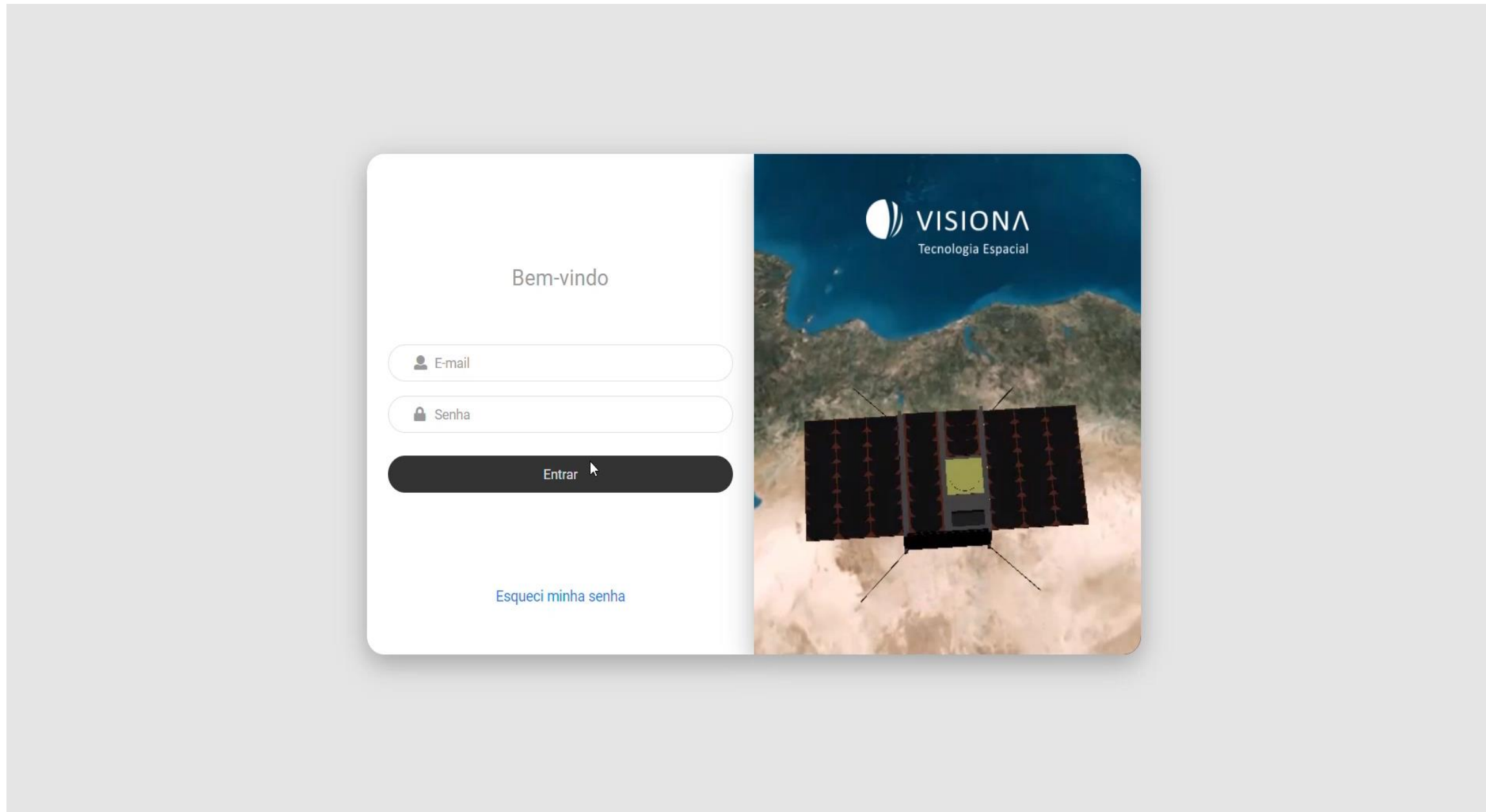


EARLY-WARNING SYSTEM FOR AEDES OUTBREAKS

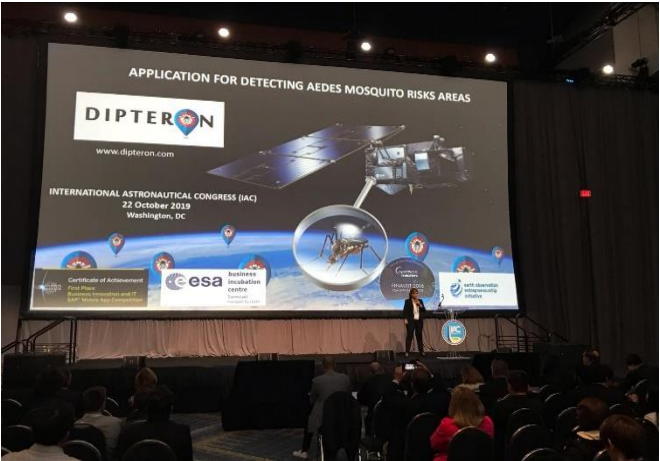


PRODUCT

<https://www.youtube.com/watch?v=eqX3oq4A19o>



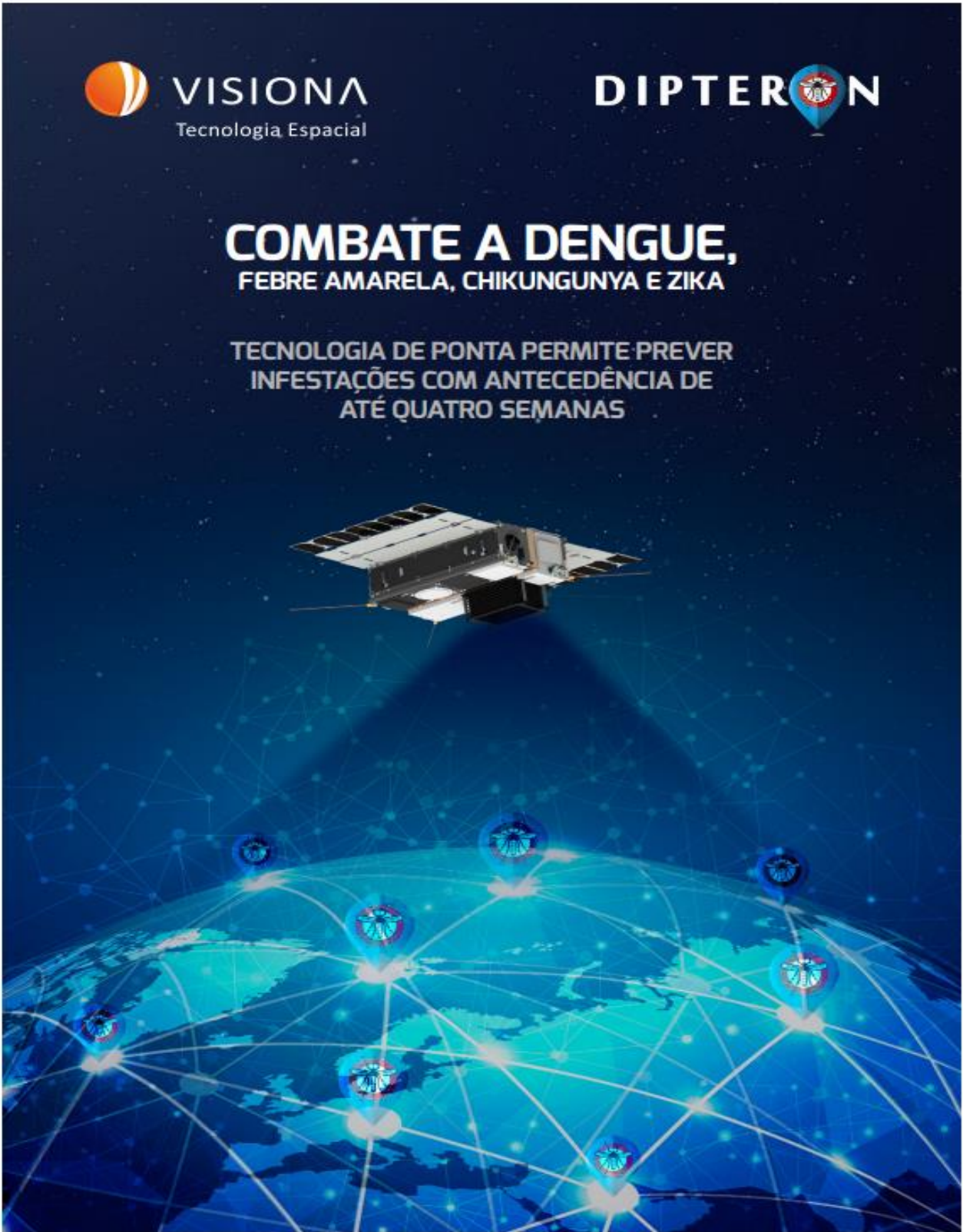
A DIPTERON



IAC - Washington

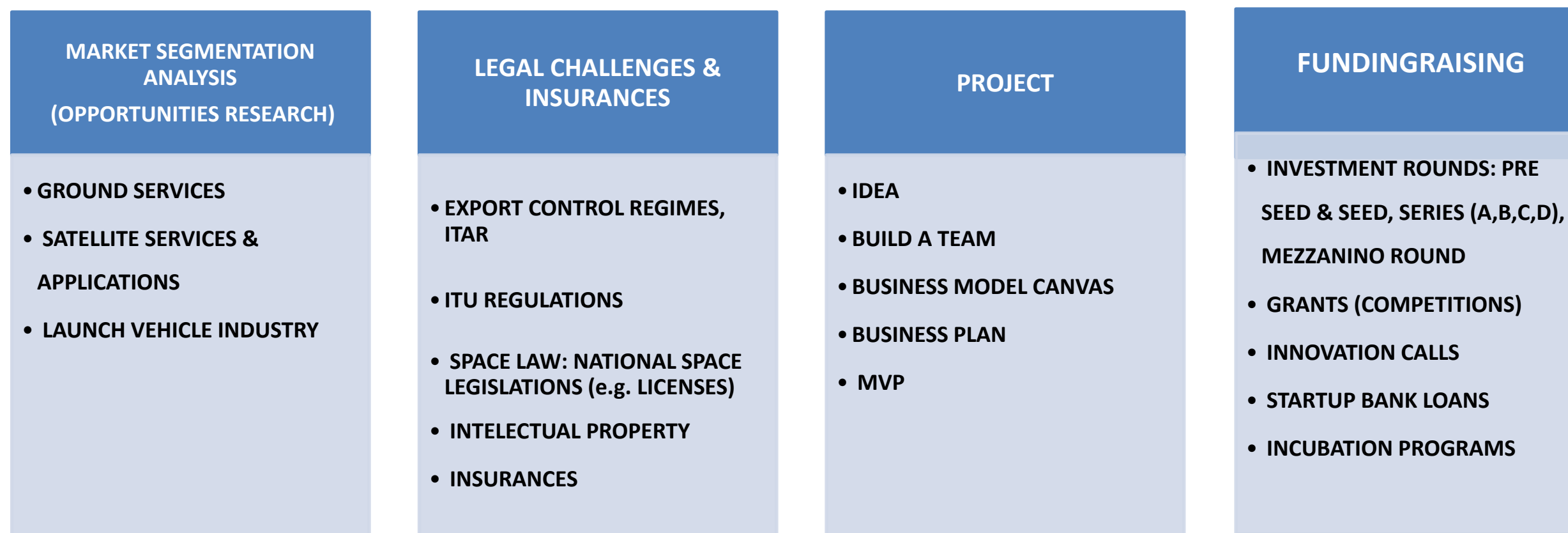


ESA Conference





WHAT DO WE NEED TO THINK ABOUT TO SET UP A SPACE COMPANY





PERSONAL EXPERIENCE & INSIGHTS

TEAM	COMPETITIONS	INCUBATION (ESA BIC Hessen & Baden- Württemberg - 2017)	FINANCING	MARKETING	CHALLENGES
<ul style="list-style-type: none">• EQUITY & VESTING AGREEMENT• Co-FOUNDER AGREEMENT• COMMUNICATION	<ul style="list-style-type: none">• ESA/SAP (2015)• ESA EOEI CALL (2016)• DENGUE HACK (2016)• ESA COPERNICUS MASTER (2017)• PARSEC ACCELERATOR PROGRAM (2020)	<ul style="list-style-type: none">• INCUBATION FUNDING• MENTORSHIP• OPPORTUNITIES IN FUNDING CALLS• NETWORKING	<ul style="list-style-type: none">• GRANTS• STARTUP CREDIT (LOAN)	<ul style="list-style-type: none">• STRATEGIC PARTNERSHIP• PUBLIC RELATIONS: VISIBILITY – GO TO THE STAGE	<ul style="list-style-type: none">• RESOURCES• TECHNICAL ENVIRONMENT• MULTITASKING• NEW COUNTRY

FEMALE SPACE ENTREPRENEURS

CEO (Executive Directors) ➡ 12%

FOUNDERS ➡ 13%

Source: E2MC





EXECUTIVE DIRECTORS - EXAMPLES

Mariylln Hewson	CEO	Lockheed Martin	U.S.
Eileen Drake	CEO	Aerojet Rocketdyne	U.S
Sara Spangelo	CEO	Swarm Technologies	U.S.
Flavia Tata Nardini	CEO	Fleet Space Technologies	Australia
Naomi Kurahara	CEO	Infostellar	Japan
Ane Aanesland	CEO	ThrustMe	France
Neha Satak	CEO	Astrome	India
Lena Okajima	CEO	ALE	Japan
Anastasia Volkova	CEO	Flurosat	Australia
Victoria Alonsoperez	CEO	Chipsafer	Uruguay / Singapore

Source: E2MC



RECOMMENDATIONS TO SUPPORT FEMALE ENTREPRENEURSHIP IN THE SPACE SECTOR



1. Policy to encourage female entrepreneurship in national space programs



2. Development of a Space Entrepreneurship Guidelines



3. Organization of competitions in the space area, prioritizing the women's call, e.g. Hackathons



4. Creation of national mentoring program for female entrepreneurs in the space sector



5. Creation of Female Entrepreneur Associations in the space sector



6. Creation of Business Incubation Centers in the space area – e.g.



7. Space Entrepreneurship courses - e.g. International Academy for Space Studies -





**THANK
YOU!**

e-mail: anacristina.rosa@dipteron.com

www.dipteron.com

www.iass.space

DIPTERON UG
Robert-Bosch-Str. 7
64293 Darmstadt
Germany

anacristina.rosa@dipteron.com