



CELESTIAL
CITIZEN

SPACE URBAN PLANNING

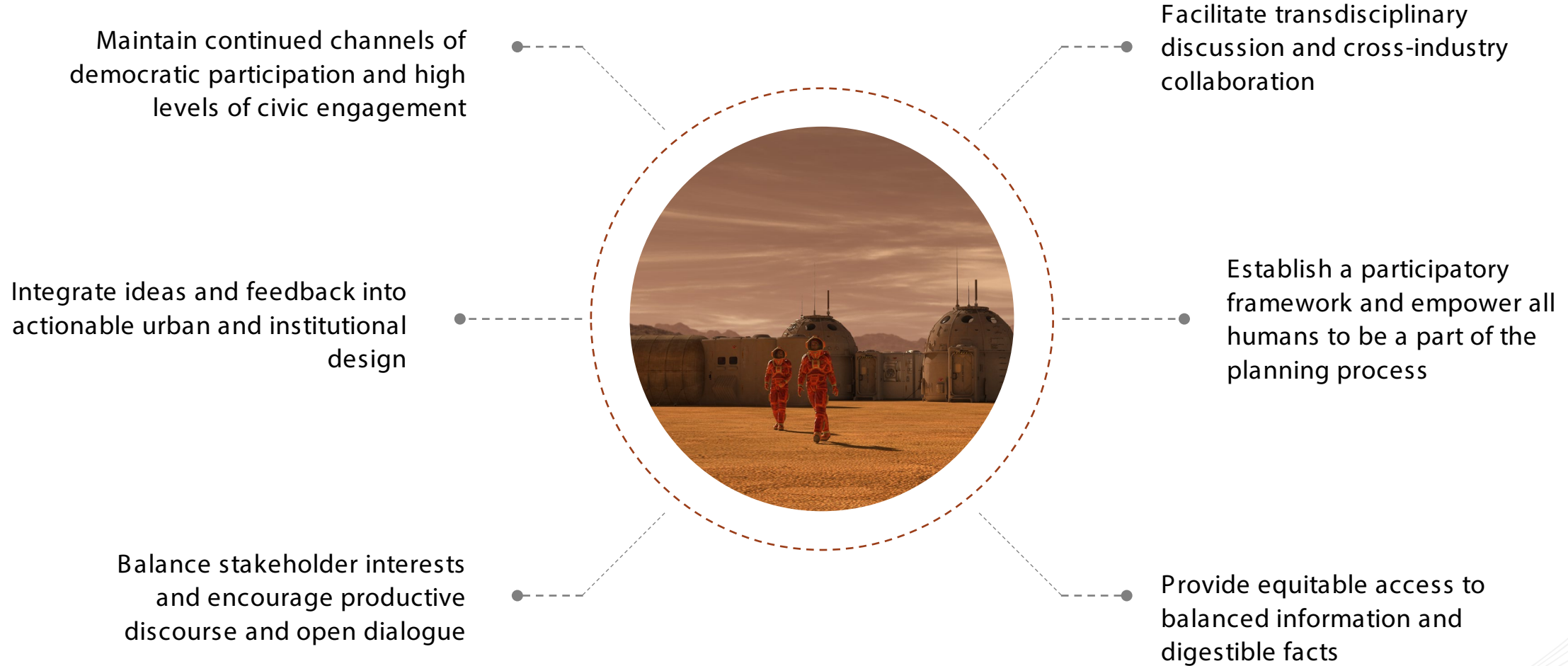
*Addressing infrastructure knowledge gaps for
sustained human settlement on the lunar and
Martian surfaces*

www.celestialcitizen.com



*On a mission to build **sustainable space communities** by bringing together people, systems, and **technology**. Better planning today enables greater options tomorrow.*

Space Urban Planning



KNOWLEDGE GAPS

- ***Balancing objectives***
- ***Comprehensive surface studies / land surveys***
- ***Resource management***
- ***Sustainability / waste management***
- ***Transportation networks***
- ***Expansion planning***
- ***Zoning / land use planning***

HOW DO THE SPACES THAT WE INTENTIONALLY OR UNINTENTIONALLY CREATE INFLUENCE THE WAY WE LIVE AND WORK?

BOSTON



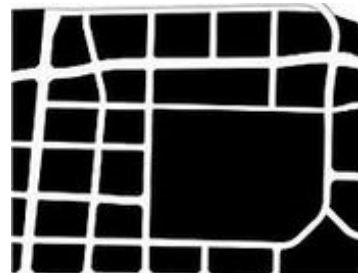
DUBAI



SACRAMENTO



OSAKA



MISSISSAUGA



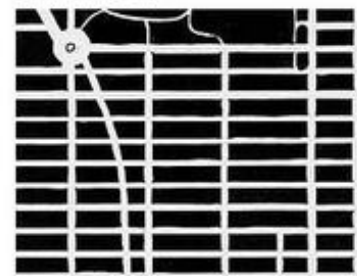
BARCELONA



COPENHAGEN



LONDON



NEW YORK



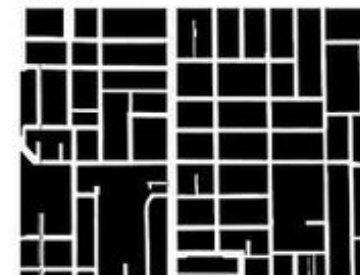
PARIS



ROME



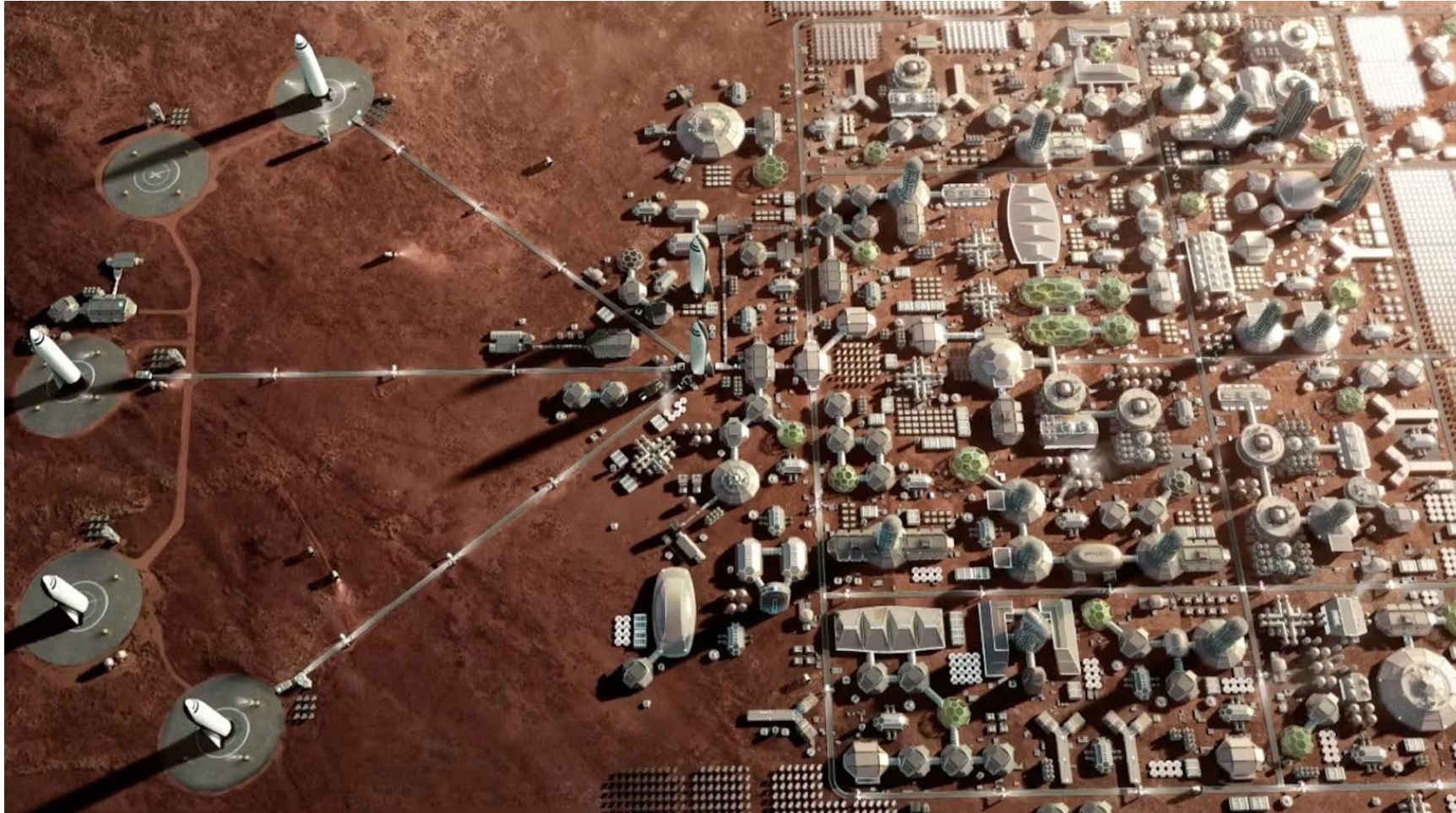
SAN FRANCISCO



TORONTO

CITY ART VS. CITY DESIGN

OVERSIMPLIFICATION OF CITY PLANNING



Credit: SpaceX

HOW DOES PLANNING INFLUENCE OUR FUTURE ABILITY TO EXPAND AND FUNCTION EFFICIENTLY?



THE CRITICAL INGREDIENT

Public Participation



the process by which public concerns, needs, and values are incorporated into governmental and corporate decision making.

James L. Creighton

Provides the important features of a successful presence off-Earth:



political legitimacy



consensus building



community building



minimizes cost overruns and delays



improves quality of decision-making



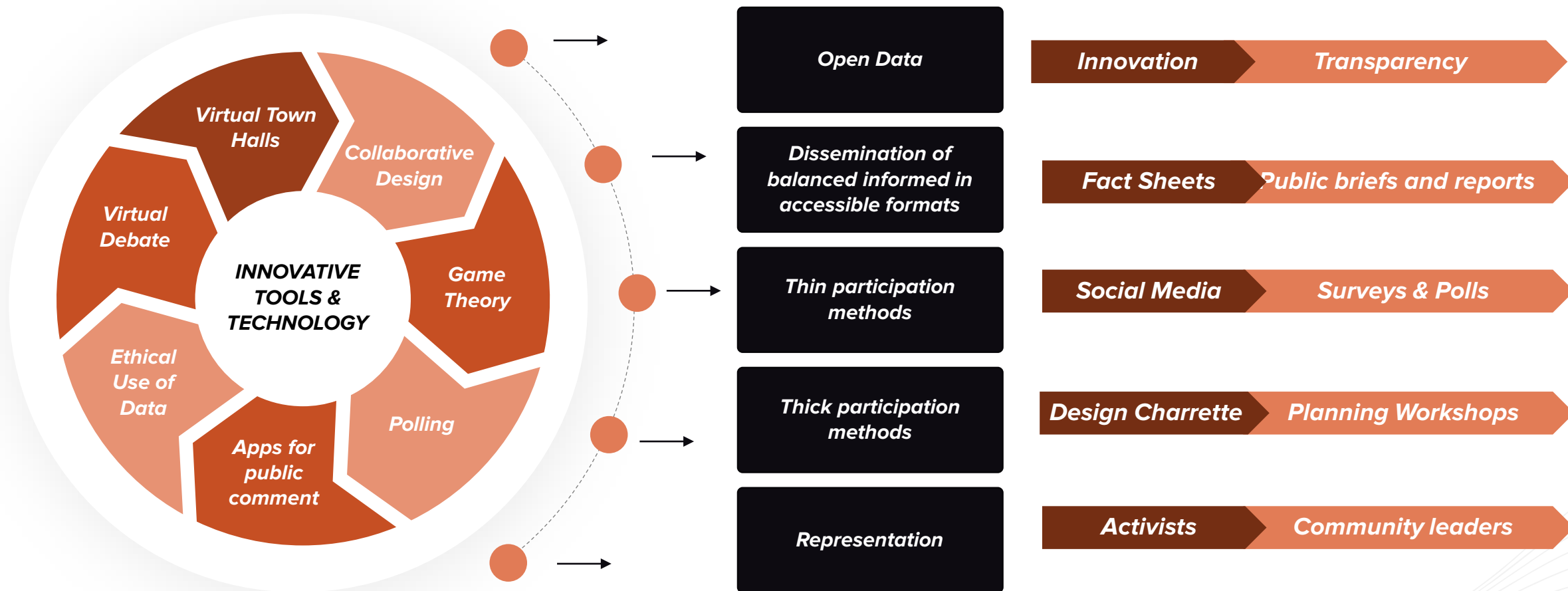
creates a non-adversarial environment



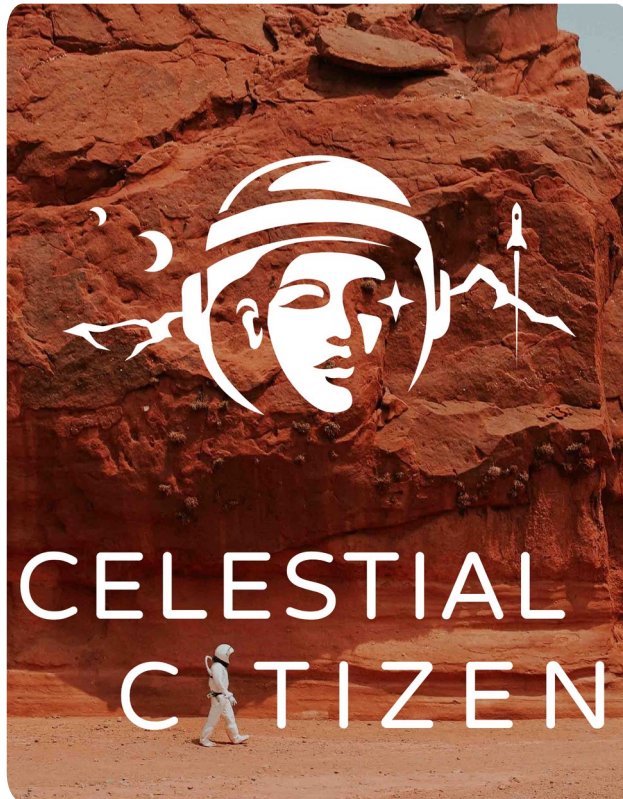
develops a civil society

MAKING PARTICIPATION ACCESSIBLE TO ALL

Multi-Channel Approach



HOW WE ENGAGE THE PUBLIC
SPACE MEDIA PLATFORM



PODCASTS

NEWSLETTER

FILMS

COMMUNITY

WORKSHOPS

WHY SPACE URBAN PLANNING?

THE FUTURE REQUIRES A PLAN

Key features of this approach:

- *public participation*
- *innovative policymaking*
- *cross-industry initiatives*
- *systems thinking*
- *technology integration*
- *community-driven visioning*
- *consensus-building*
- *development of norms*



*Join the
conversation!*





THANK YOU!

GET IN TOUCH



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