



Improving Resilience in Informal Settlements

How SDGs & PPPs can Improve Informal Settlements

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1. Informal Settlements Challenges
2. Toolbox for SDGs, People-first PPPs, Smart & Sustainable Cities
3. Case Studies as Research Methodology



Informal Settlements Challenges



UN HABITAT
FOR A BETTER URBAN FUTURE

Spontaneous urbanization:

Usually not
enough **public space**

**provision of
basic services**

**attention to the principles
of good urbanization**



Informal Settlements Challenges



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FOR A BETTER URBAN FUTURE

Planned urbanization:

Capacity to

generate **wealth**

employment

coexistence

cultural interchanges



Informal Settlements Challenges



DEFINITION OF INFORMAL SETTLEMENTS – 2015

Informal settlements – are residential areas where

- 1) inhabitants have no security of tenure vis-à-vis the land or dwellings they inhabit, with modalities ranging from squatting to informal rental housing,
- 2) the neighbourhoods usually lack, or are cut off from, basic services and city infrastructure and
- 3) the housing may not comply with current planning and building regulations, and is often situated in geographically and environmentally hazardous areas.

Informal settlements can be a form of real estate speculation for all income levels of urban residents, affluent and poor.

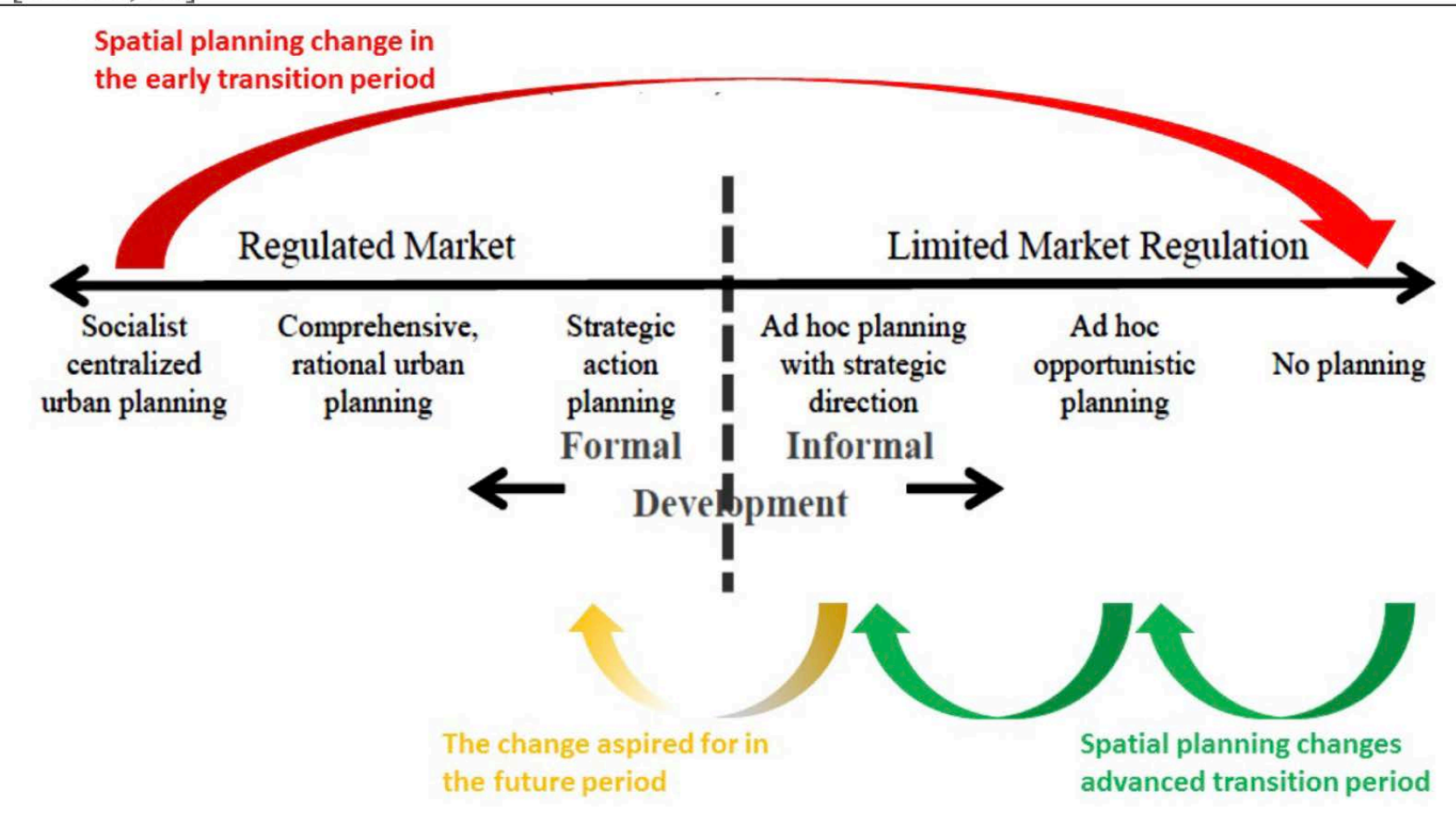
Slums are the most deprived and excluded form of informal settlements characterized by poverty and large agglomerations of dilapidated housing often located in the most hazardous urban land.

In addition to tenure insecurity, slum dwellers lack formal supply of basic infrastructure and services, public space and green areas, and are constantly exposed to eviction, disease and violence.



Informal Settlements Challenges

FIGURE 2 THE URBAN PLANNING CONTINUUM TOWARD REGULATED SPATIAL PLANNING
[VGGT, 20]



Source: Tsenkova, 2012: 294 (black and white); trends in the spatial planning added by the author (colour).

Informal Settlements Challenges

*We believe that **everyone in the development community should be an honest broker** who helps find win-win outcomes – where owners of capital get a reasonable return, and developing countries maximize sustainable investments. **There's never been a better time to find those win-win solutions.***

*The **trillions of dollars sitting on the side lines**, earning little interest, and the **investors looking for better opportunities** should be mobilized to help us meet the exploding aspirations of people all over the world.*



Jim Yong Kim,
World Bank Group President

<https://www.worldbank.org/en/news/speech/2017/04/11/speech-by-world-bank-group-president-jim-yong-kim-rethinking-development-finance>

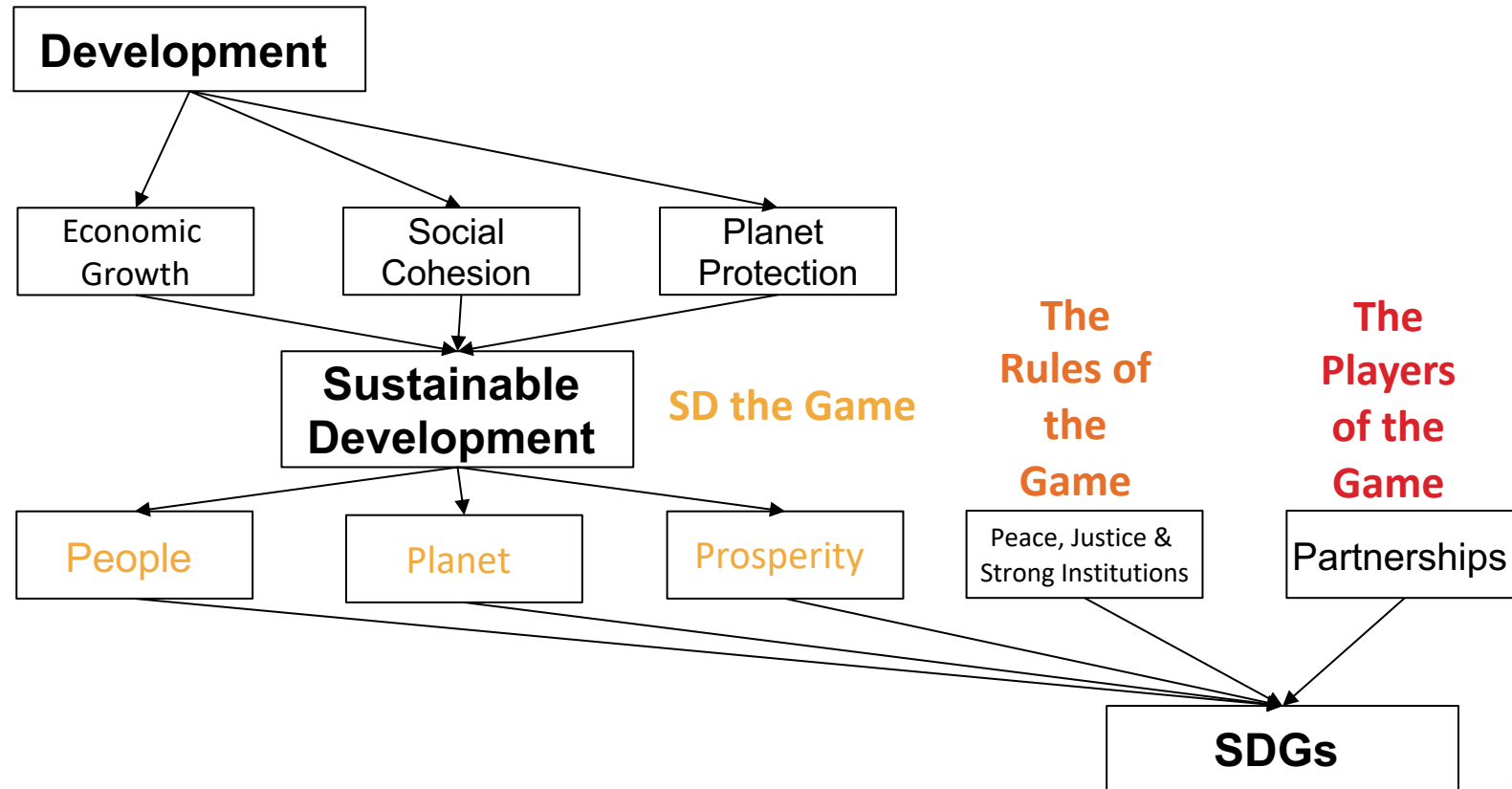


Toolbox for SDGs and PPPs

#	Tool Name	People	Planet	Prosperity	Peace, Justice Strong Institutions	Partnerships
1	SDGs: Game, Rules & Players	X	X	X	X	X
2	Back to the Present				X	X
3	SDGs Virtuous Cycle	X	X	X	X	X
4	Bridging the Gap				X	X
5	4G Master Plan	X	X	X	X	X
6	Four Season Pizza				X	X
7	Gate System				X	X
8	“J” Curve and Saw Curve				X	X
9	SDGs Institutional Innovation	X	X	X	X	X
10	People-first PPP Design	X	X	X	X	X
11	Multi-level Approach				X	X
12	Round-Table Approach	X	X	X	X	X

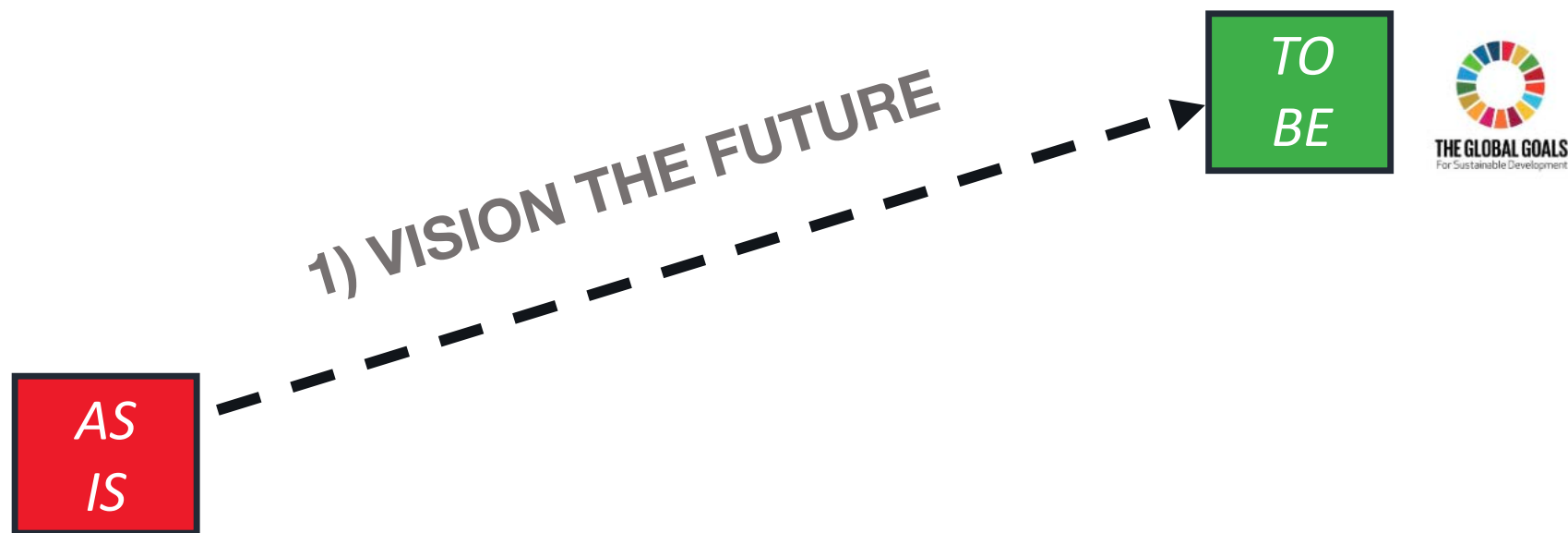
Toolbox for SDGs and PPPs

Tool 1 _ SDGs: Game, Rules and Players



Toolbox for SDGs and PPPs

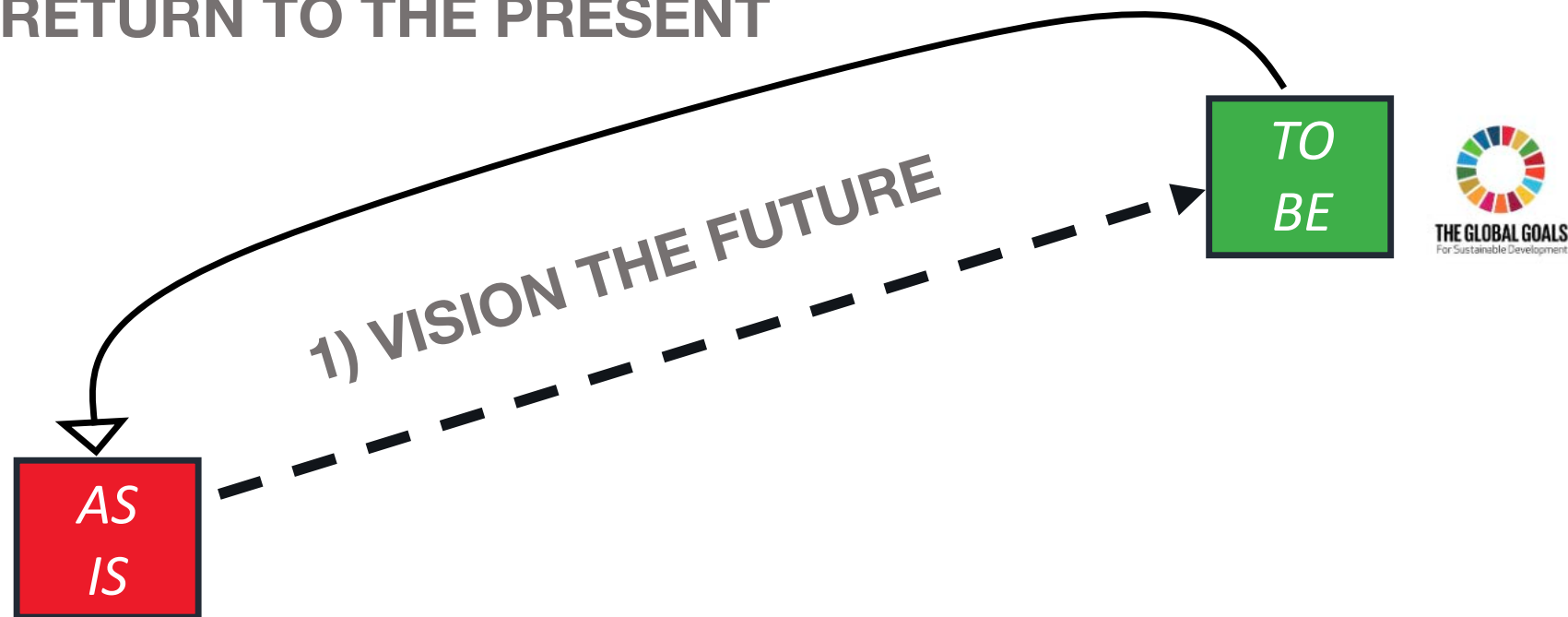
Tool 2 _ Back to the Present



Toolbox for SDGs and PPPs

Tool 2 _ Back to the Present

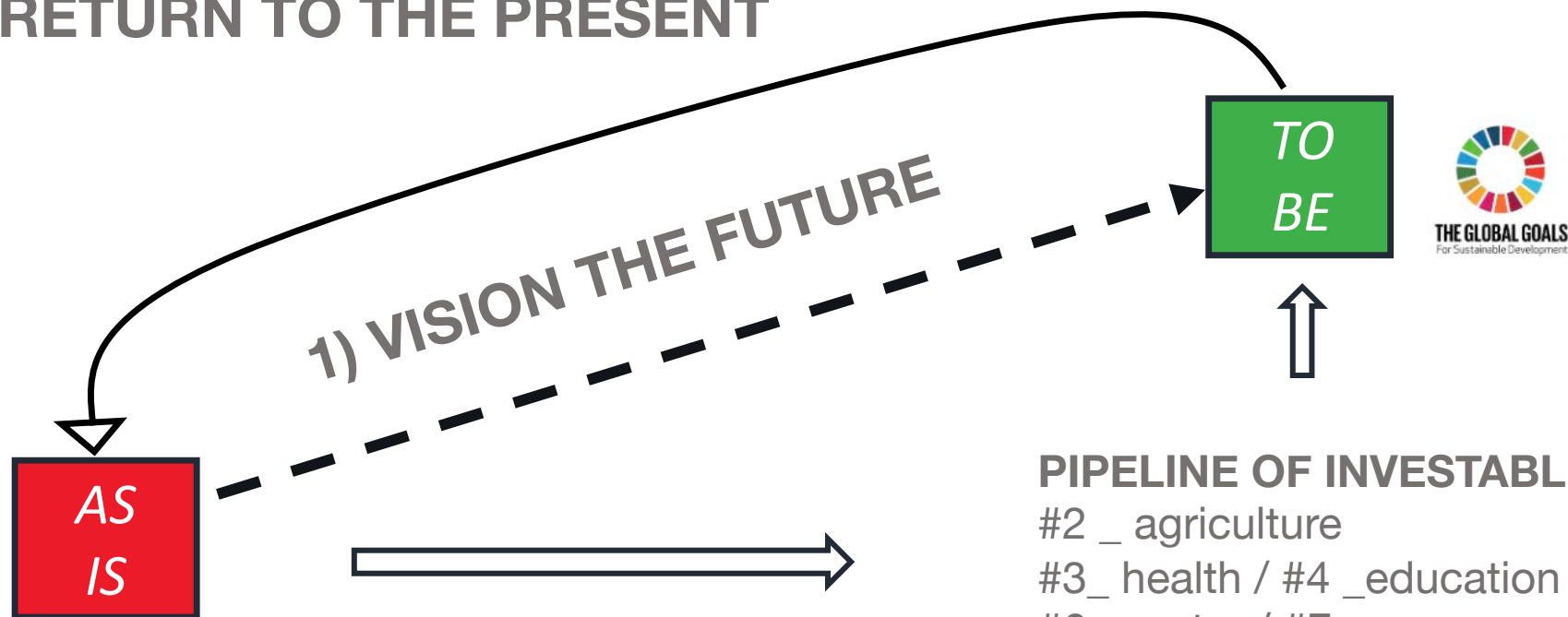
2) RETURN TO THE PRESENT



Toolbox for SDGs and PPPs

Tool 2 _ Back to the Present

2) RETURN TO THE PRESENT



3) DEFINE PRIORITIES

Implement strategies to achieve the SDGs

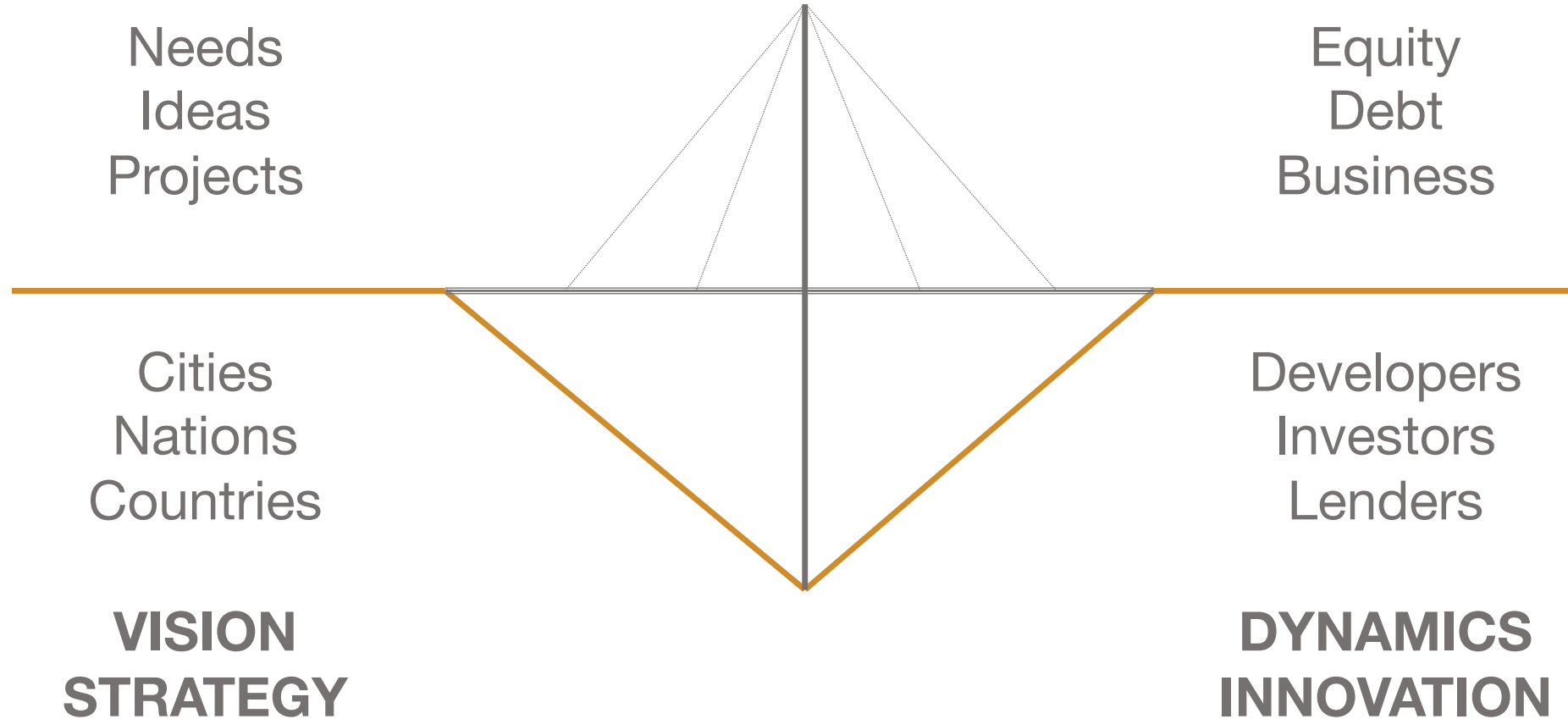
PIPELINE OF INVESTABLE PROJECTS

- #2 _ agriculture
- #3_ health / #4 _education
- #6 _ water / #7 _ energy
- #9 _ mobility
- #11_ cities _ real estate
- #12 _ industry



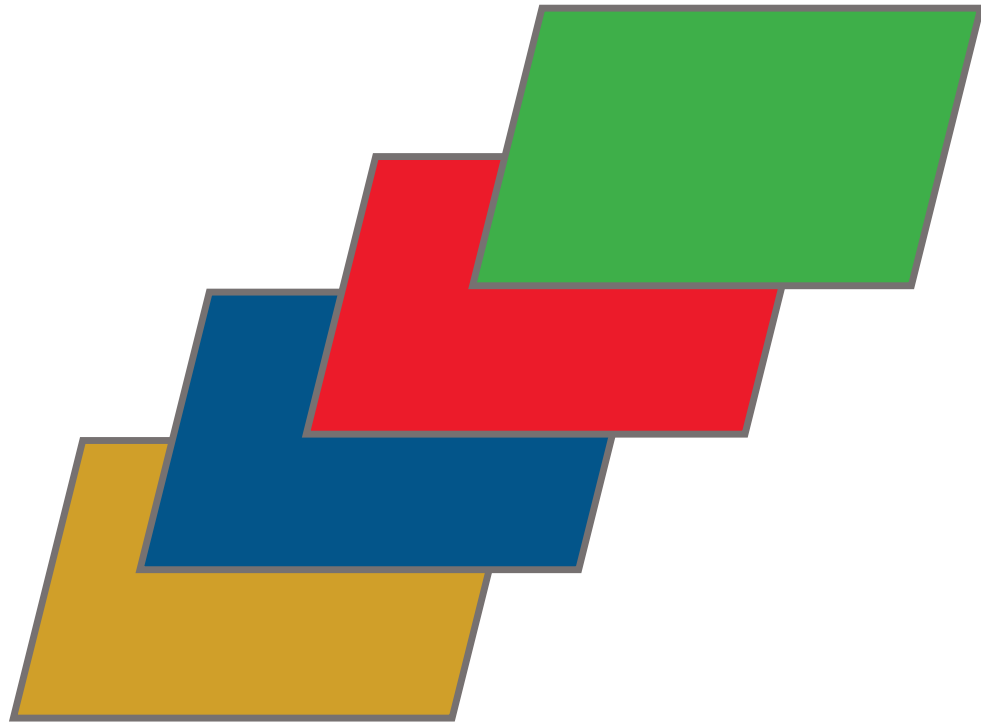
Toolbox for SDGs and PPPs

Tool 4 _ Bridging the Gap



Toolbox for SDGs and PPPs

Tool 5 _ 4 G Master Plan



4G Planet Protection

3G Social Cohesion

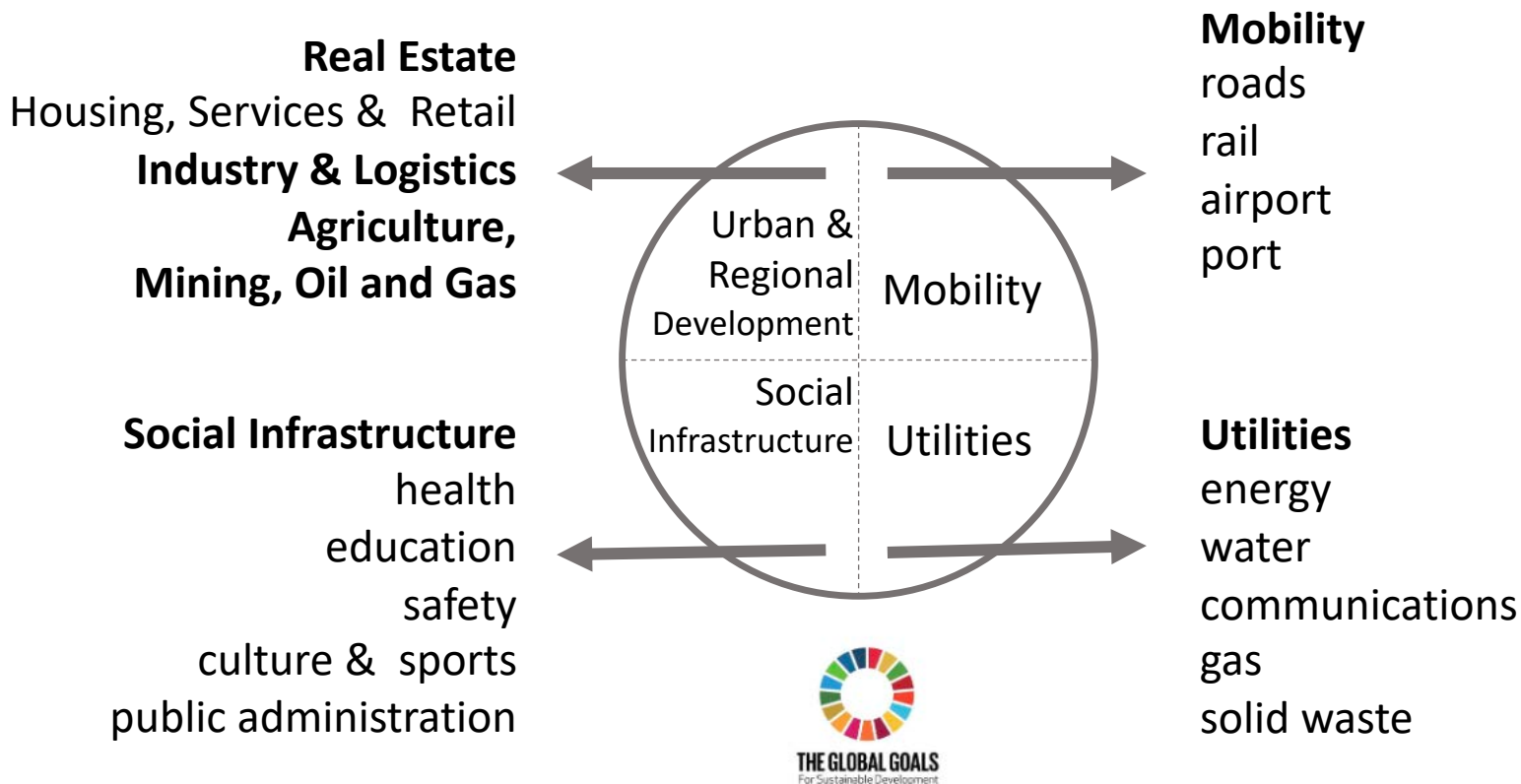
2G Economic Prosperity

1G Master Planning:
Zoning and Capacity Building



Toolbox for SDGs and PPPs

Tool 6 _ Four Season Pizza

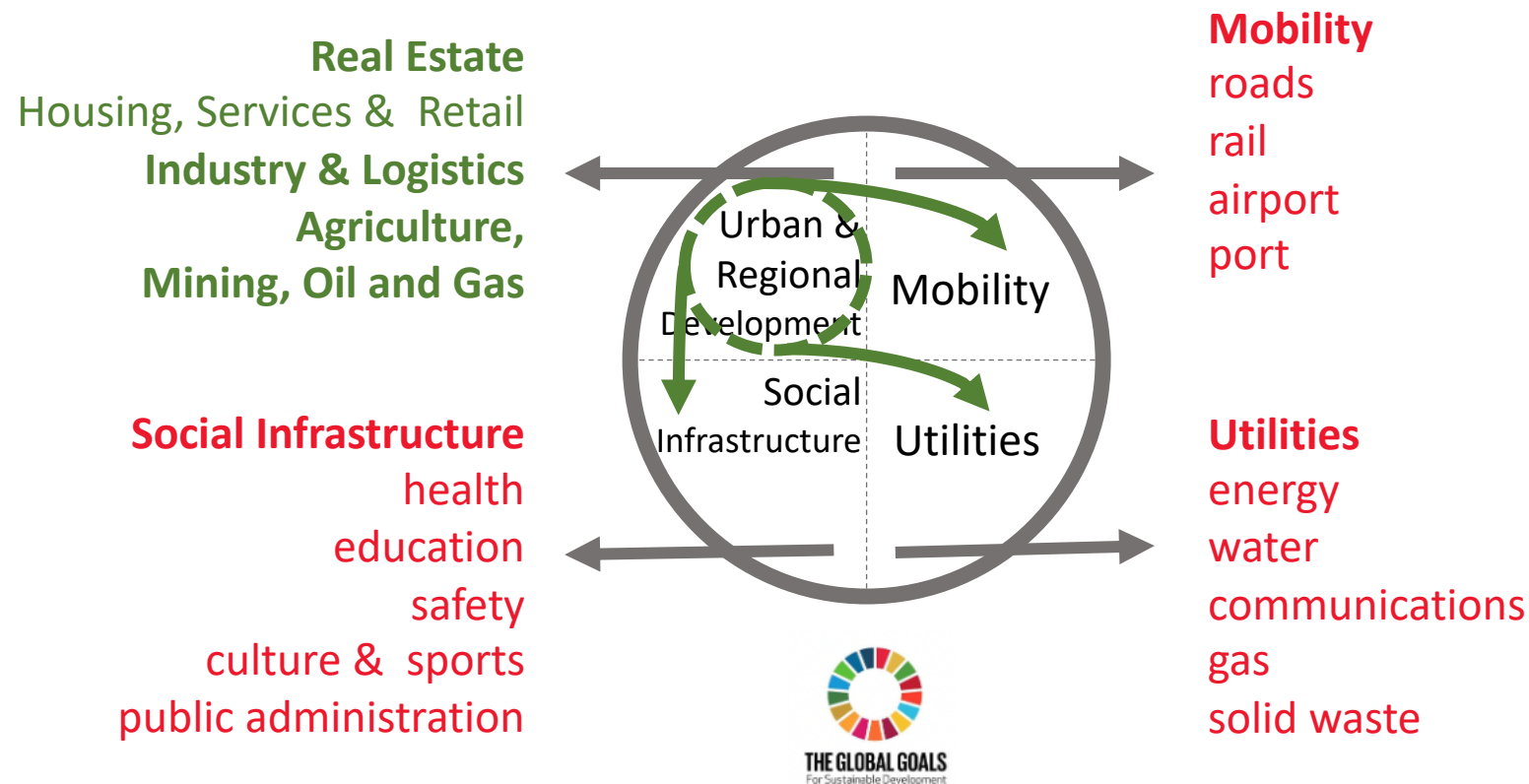




Toolbox for SDGs and PPPs

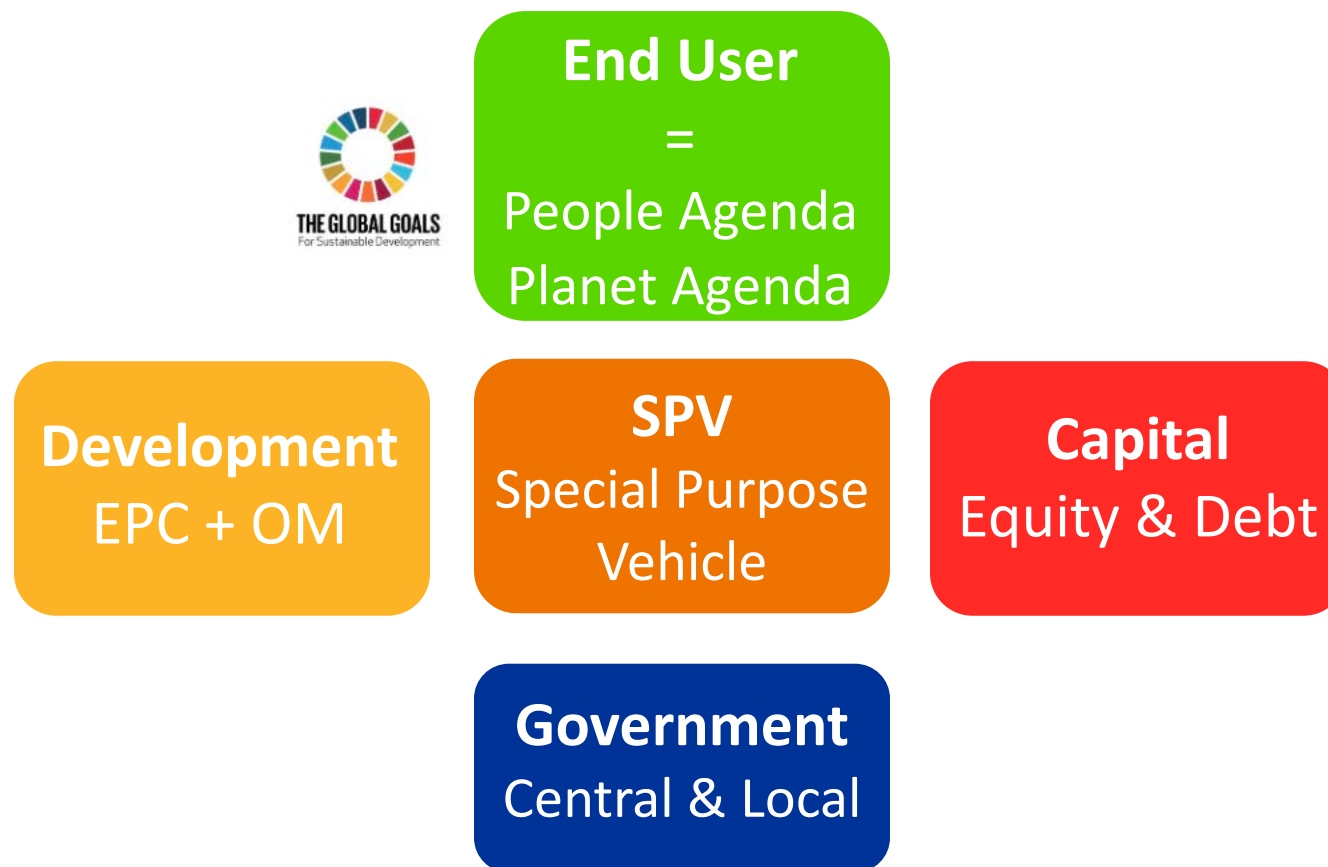
Tool 6 _ Four Season Pizza

Blending **Cash Positive** with **Cash Negative** "Seasons"

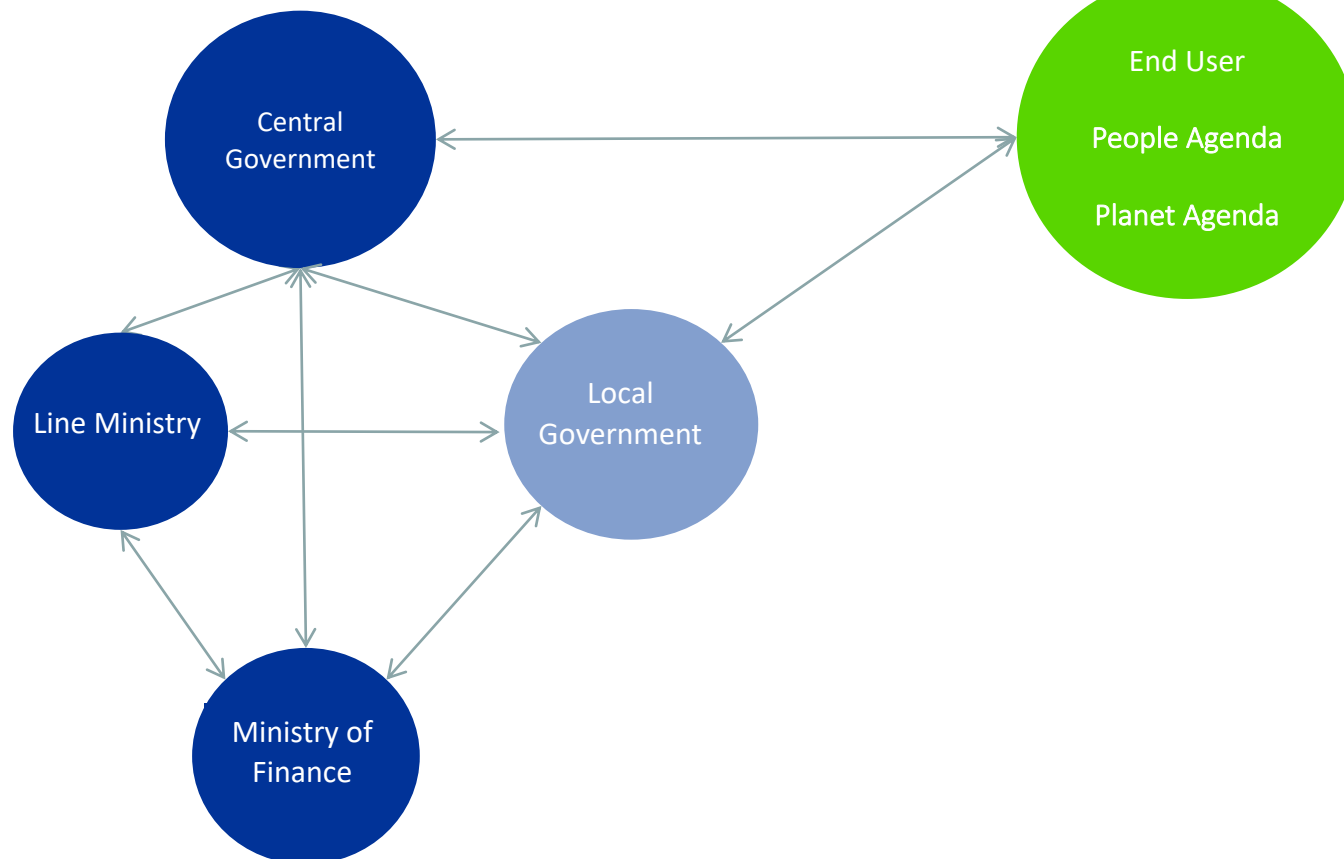


Toolbox for SDGs and PPPs

Tool 10 _ People-first PPP Design



Evolution to generate a PPP & Private Sector Participation Ecosystem

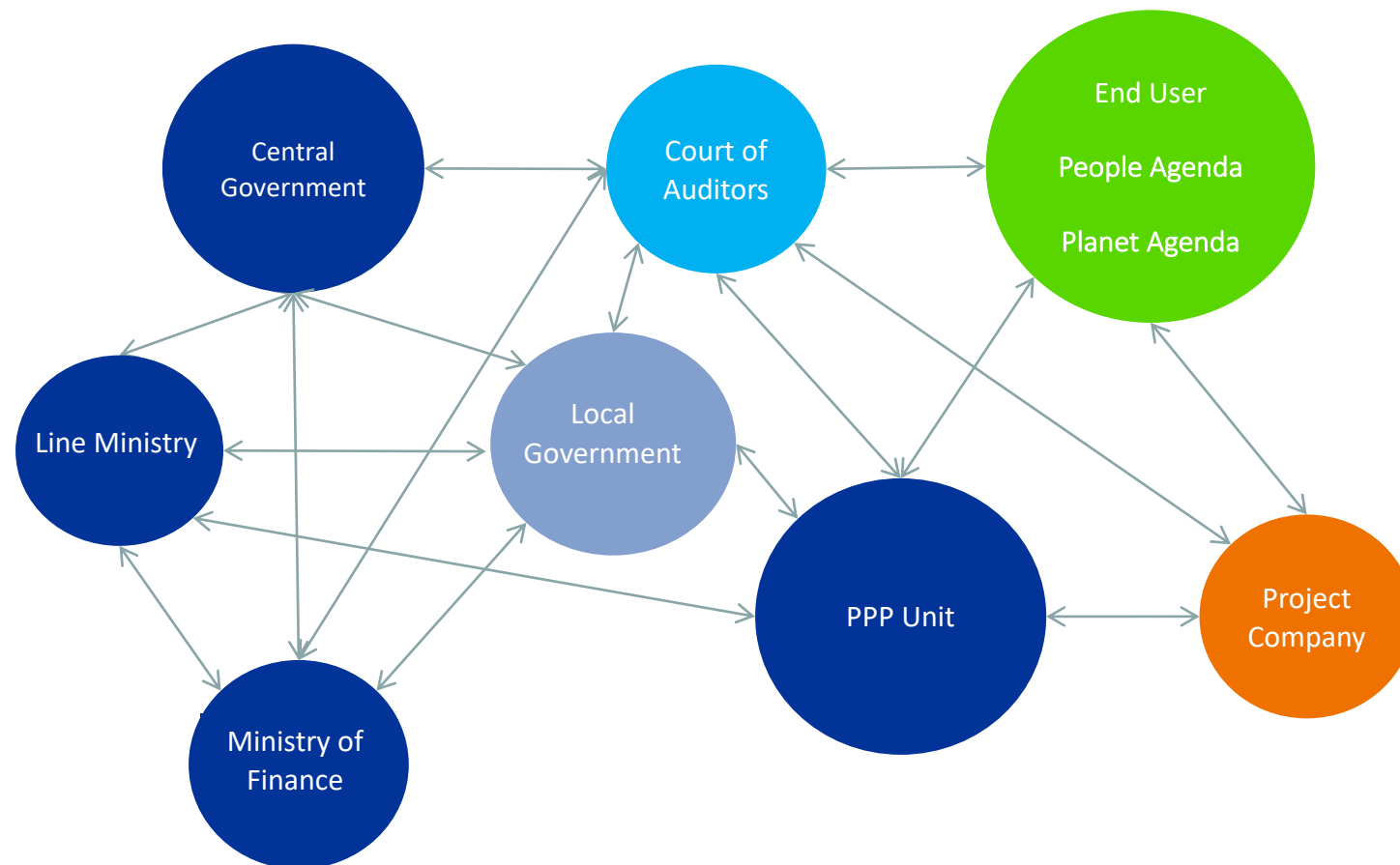


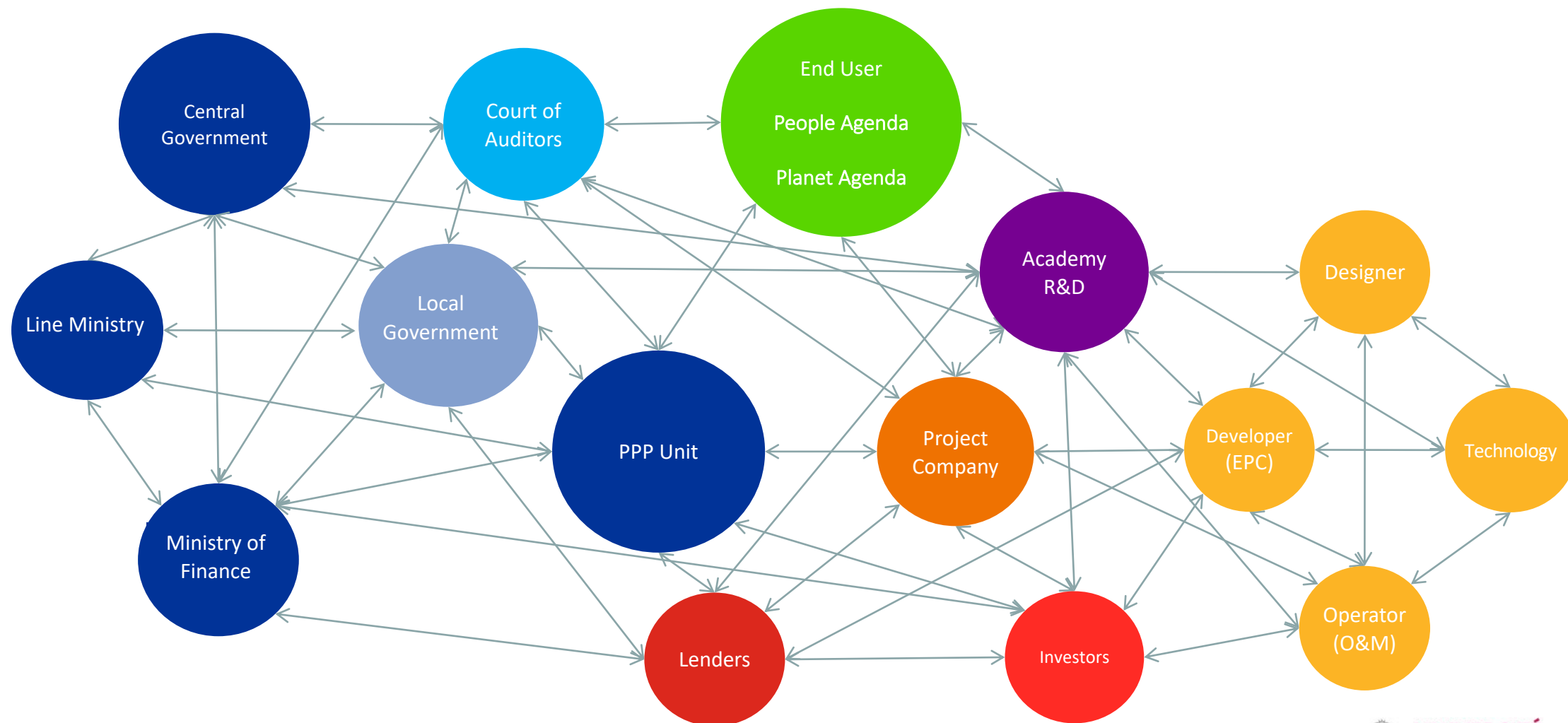
Toolbox for SDGs and PPPs Tool 10 _ People-first PPP Design

Evolution to generate a PPP & Private Sector Participation Ecosystem

Toolbox for SDGs and PPPs

Tool 10 _ People-first PPP Design





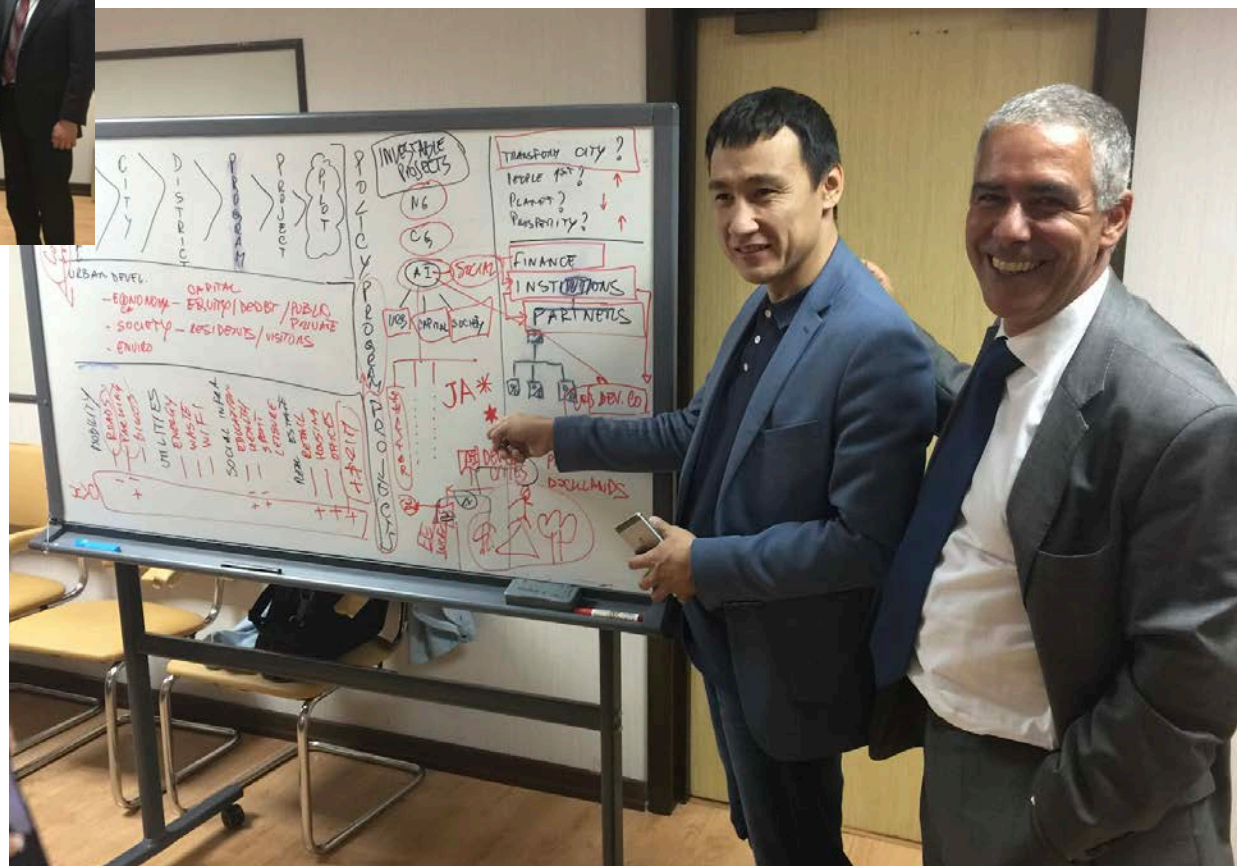
Main aim:

Creating a comfortable urban environment and solving communal problems without attracting budget funds

Case Studies as Research Strategy



NurSultan September 13, 2018



Main aim:

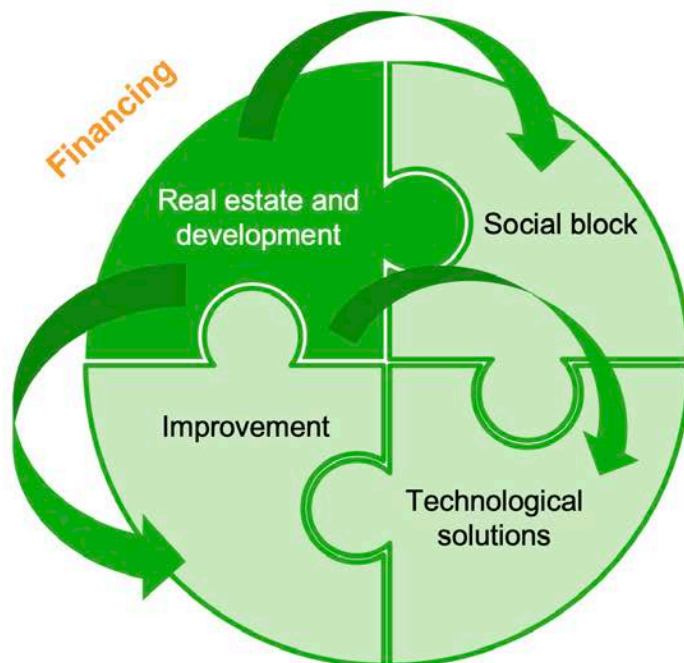
Creating a comfortable urban environment and solving communal problems without attracting budget funds

Case Studies as Research Strategy



Concept of the program

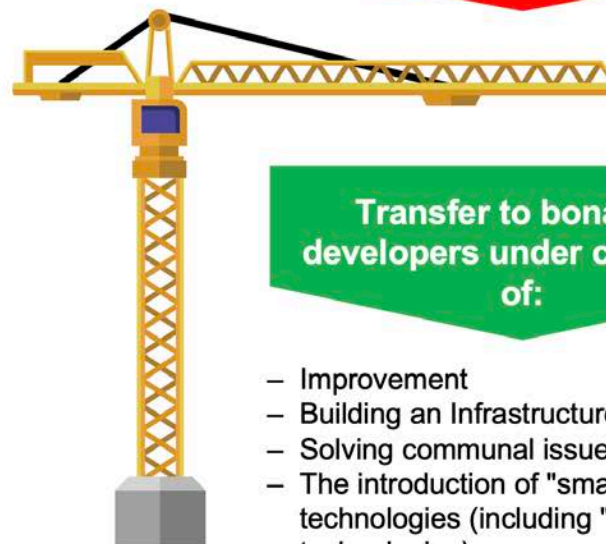
SMART
ASTANA



Mechanism:

PUBLIC PRIVATE PARTNERSHIP

Non-assimilated areas



Transfer to bona fide developers under condition of:

- Improvement
- Building an Infrastructure
- Solving communal issues
- The introduction of "smart" technologies (including "green" technologies)

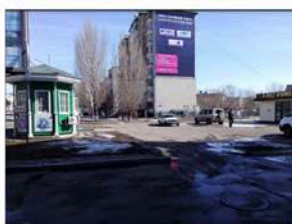
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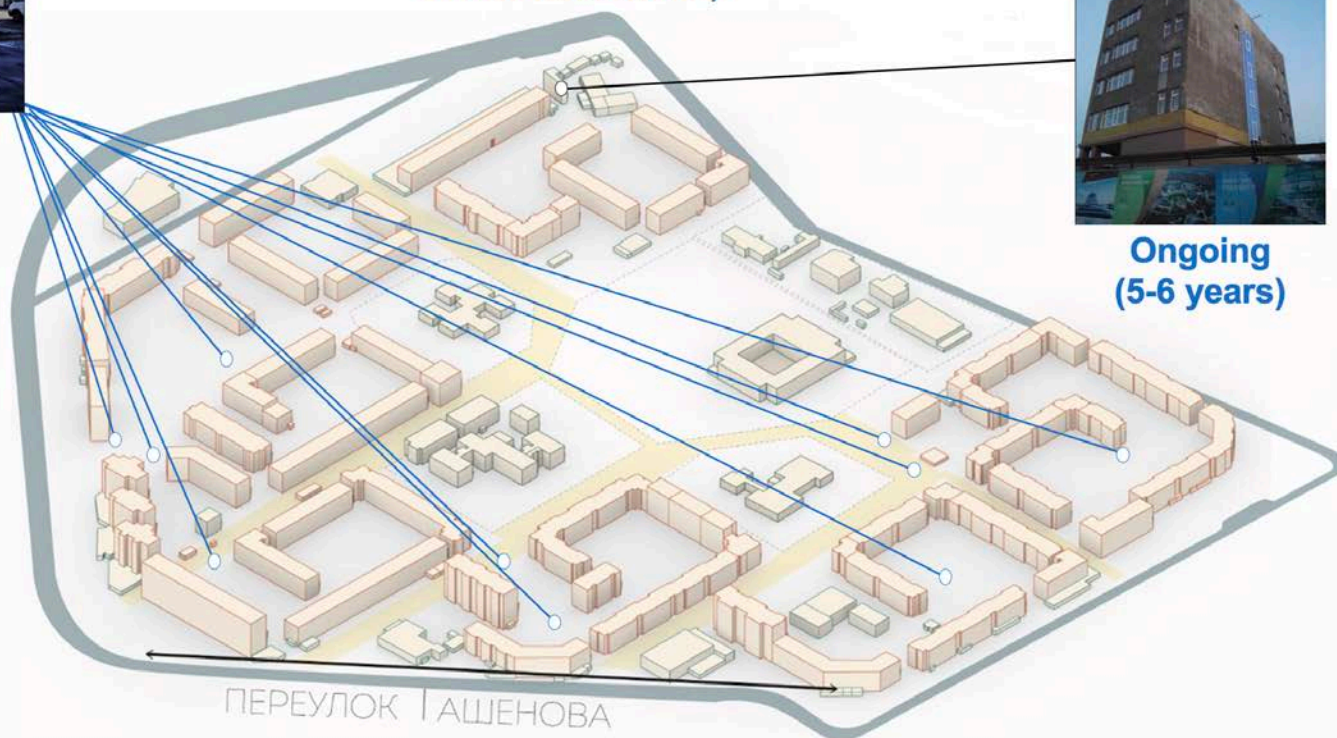


Pilot Project: Test in the "Smart" District



Large areas of non-used territory

The territory of the "smart district" (Microdistrict "Zhastar" (A. Baraeva, A.Kravtsova, T.Huseyna and J.Tashenova streets)



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Ongoing
(5-6 years)

Main aim:

Creating a comfortable urban environment and solving communal problems without attracting budget funds

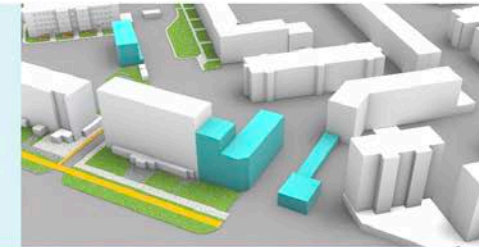
Case Studies as Research Strategy



Map for pilot implementation of the program in the "Smart" area

- 10 potential sites for development
- 1 construction

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	Adress	Surface	Number of floors	
1	Barayeva 10	446 sq.m.	5-7	2 300 sq.m.
2	Barayeva 6	350 sq.m.	3	1 000 sq.m.
3	Barayeva 14/1	356 sq.m.	4	1 420 sq.m.
4	Tashenov Lane4/2	520 sq.m.	5	2 600 sq.m.
5	Near Kindergarten №17	1000 sq.m.	3-5	3 000 sq.m.
6	Taha Hussein3/1	536 sq.m.	5	2 680 sq.m.
7	TAshenov 15	580 sq.m.	3-5	2 300 sq.m.
8	Tashenov Lane 6/1	500 sq.m.	3-5	2 000 sq.m.
9	Tashenov Lane10	500 sq.m.	5	2 500 sq.m.
10	Ташенова 9/2	400 sq.m.	3	1 200 sq.m.
Ongoing				
1	Taha Hussein 17a	300 sq.m.	5	1 500 sq.m.
Total:		5 488 sq.m.		22 500 sq.m.

New Projects being launched
in Grodno - Belarus (2019) & Bihkek - Kyrgyzstan (2020)



Case Studies as Research Strategy

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Thank You
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