

# **CAREC Energy Investment Forum**

## **What drives success in long-term energy PPPs?**

**Mr. Chahine Boutouila, Development Director Central Asia, Veolia Group**

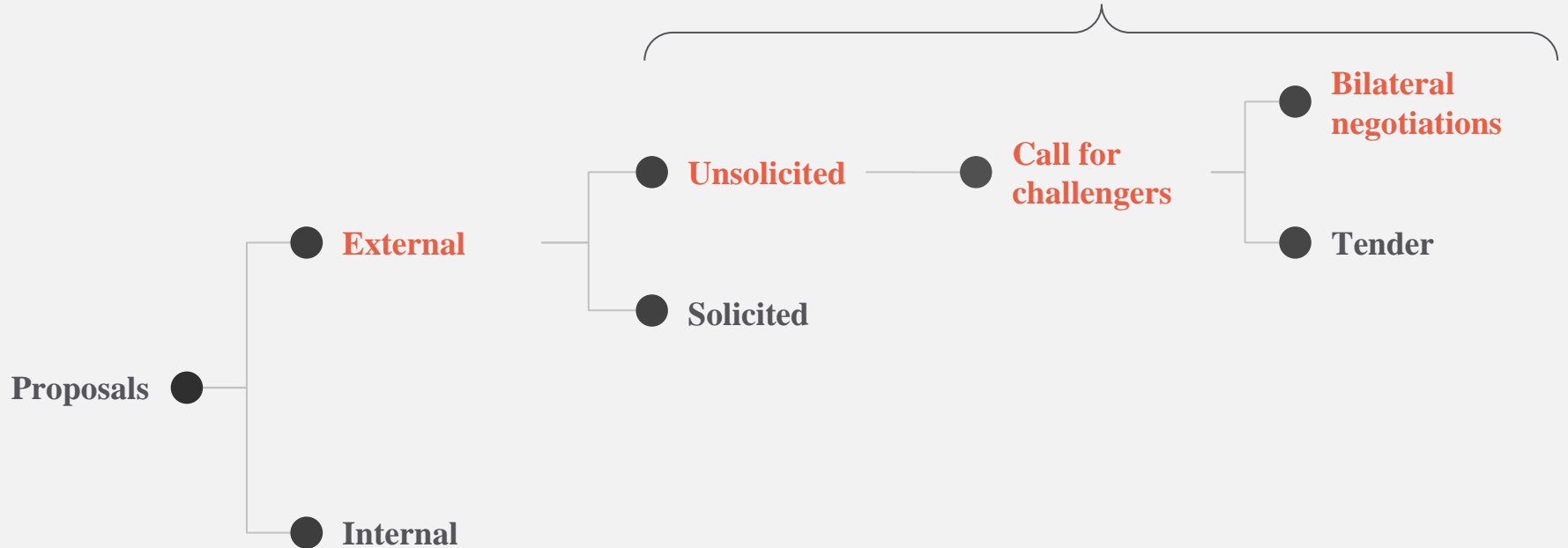
**Tbilisi, Georgia – November 28-29, 2023**

# Legacy context



# Tashkent DH Development model

*ADB = Transaction Advisor for Tashkent municipality*



# Tashkent DH perimeter

**30**

years of PPP  
contract, started  
on 1 July 2022

**3,200**

employees hired  
and trained by  
Veolia Energy  
Tashkent

**1,200,000**

inhabitants +  
10,000 legal  
entities serviced

**1,500**

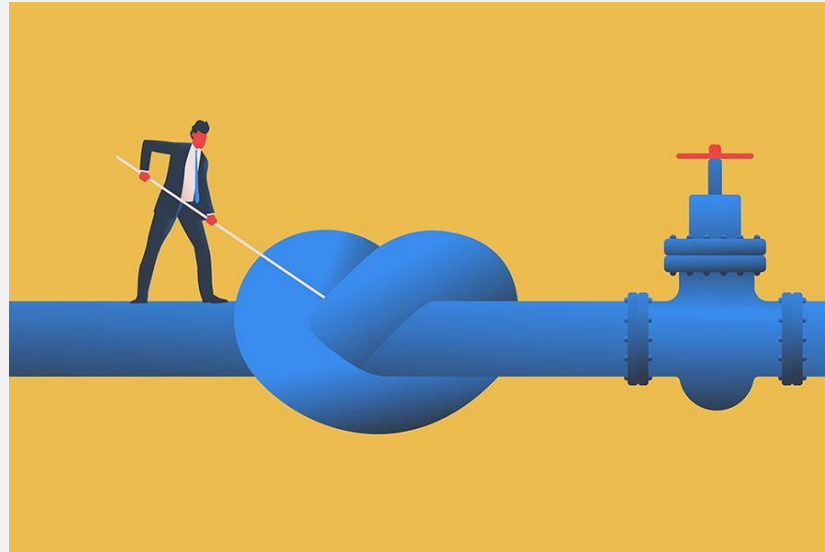
km of networks  
operating under  
open system

**7.3**

GWh of heat  
energy through  
10 central boiler  
houses and 1  
CHP plant



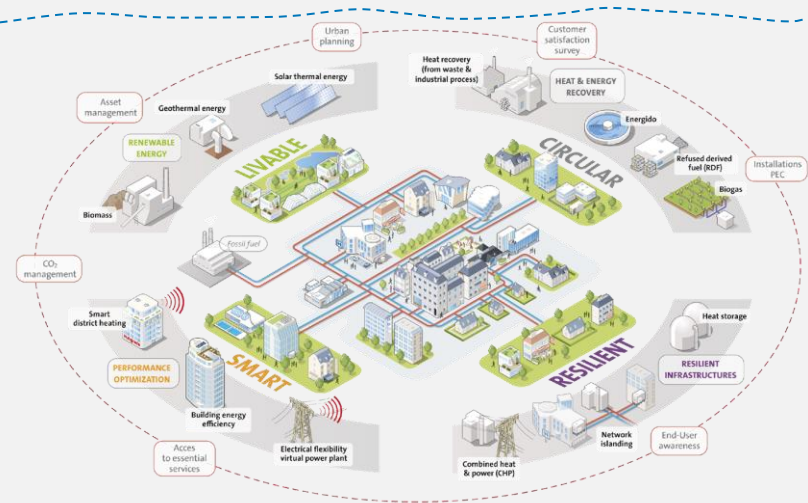
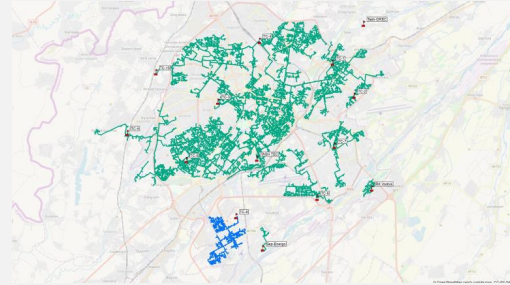
# Fuel reliability challenge



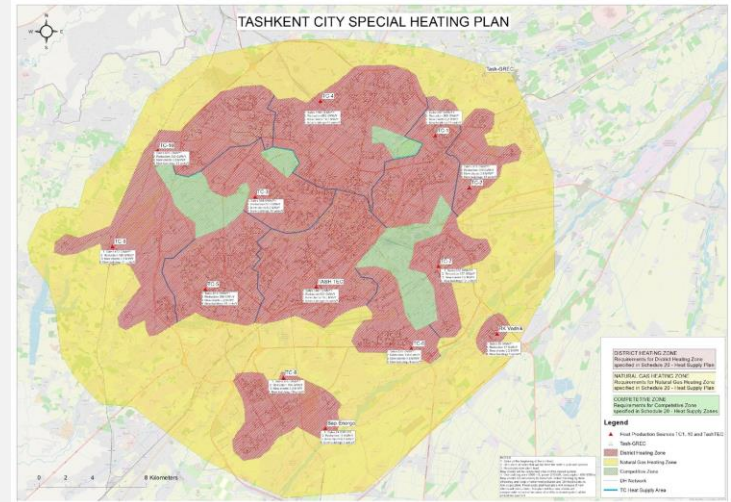
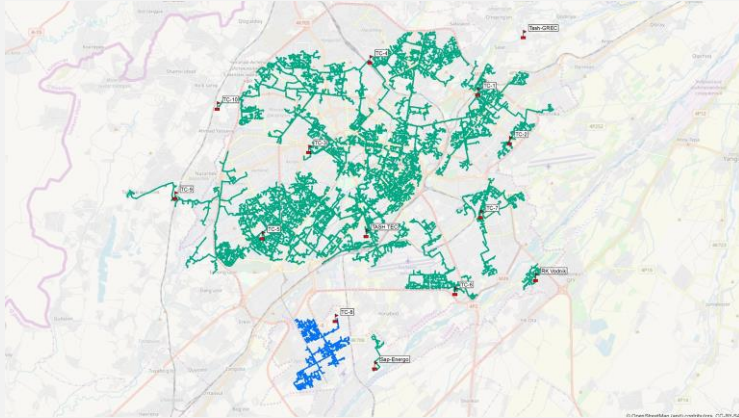
# Excellence challenge



# Complexity challenge



# Planification challenge





**THANK YOU!**

**Mr. Chahine Boutouila, Development Director Central Asia, Veolia Group**

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# Outline

- Slide #2 aims to share contextual information of legacy systems, challenges and opportunities
- Slide #3 aims to explain how we developed this flagship project of Tashkent, giving food for thoughts on how to enlarge portfolio of PPP projects while enjoying different perspectives and execution timeframes
- Slide #4 aims to present the Tashkent DH project through key numbers
- Slide #5 touches upon the energy security issues and needs for thoughtful diversification of energy sources
- Slide #6 highlights importance of knowledge and workmanship to optimize and expand infrastructure assets
- Slide #7 deals with consequences of not planning holistically and systemically
- Slide #8 shows the path towards building a Special Heating Plan

