

# Cities Transformation Report

*IIASA-Japan Joint Research Project*

**Toward Contributing to the IPCC Special Report on Cities**

*December 1, 2023*

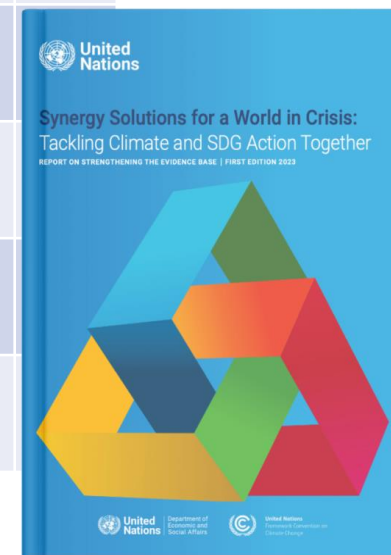
Eric Zusman

# Report Overview

1. Introduction and framing
2. Urban systems
3. Impacts and risks
4. **Enabling conditions for systems transformation**
5. **Synergies and trade-offs**

# Leveraging synergies can accelerate sustainable net-zero transitions in cities

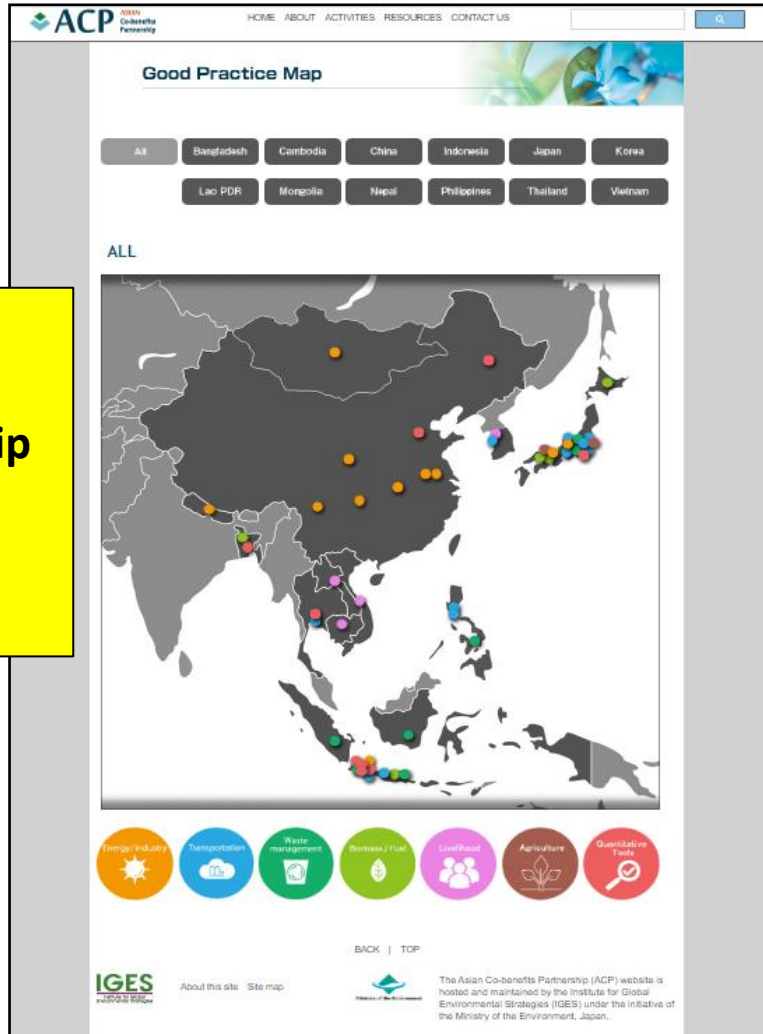
SDG 11 Targets	SDGs															
	1	2	3	4	5	6	7	8	9	10	12	13	14	15	16	17
Target 11.1: Safe and affordable housing	X							X	X	X	X	X		X	X	X
Target 11.2: Affordable and sustainable transport systems	X						X	X	X	X	X	X		X	X	X
Target 11.3: Inclusive and sustainable urbanization	X	X	X	X	X		X	X	X	X		X			X	X
Target 11.4: Protect the world's cultural and natural heritage												X	X	X		
Target 11.5: Reduce the adverse effects of natural disasters	X		X			X						X	X	X	X	
Target 11.6: Reduce the environmental impacts of cities						X	X				X	X	X	X		
Target 11.7: Provide access to safe and inclusive green and public spaces					X					X		X	X	X		





# Many cities are recognizing synergies

Niigata  
Global  
Warming  
Action Plan

Asian Co-benefits Partnership Good Practice Map



1 施策体系		
視点	取り組み方針	関連する SDGs
環境・経済・社会の統合的向上による課題解決を目指す SDGs・地域循環共生圏の考え方をふまえて	1 田園環境の保全・持続可能な利用	
	2 スマートエネルギーシティの構築	
	3 脱炭素型交通への転換	
	4 ゼロカーボンシティ実現に向けたライフスタイルへの転換	
	5 気候変動適応策の実践	

# Cities will not only need to make links across issues but across space

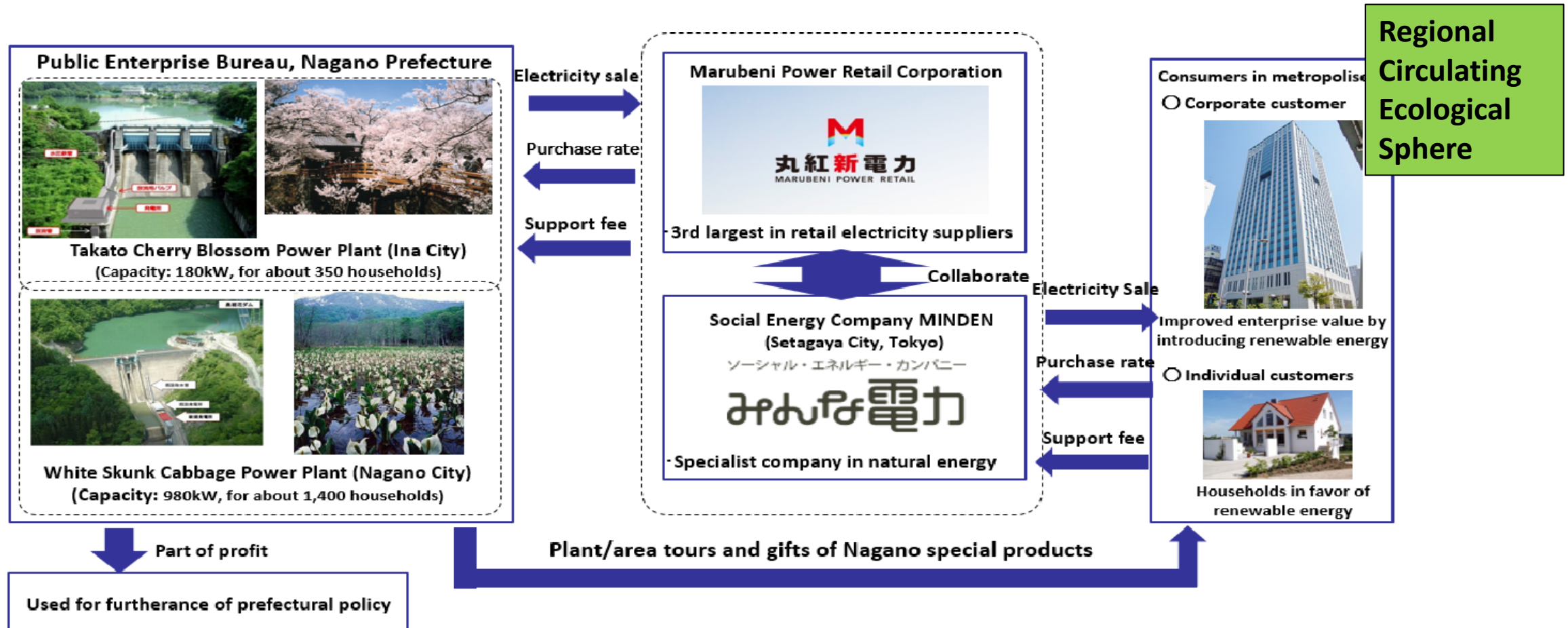
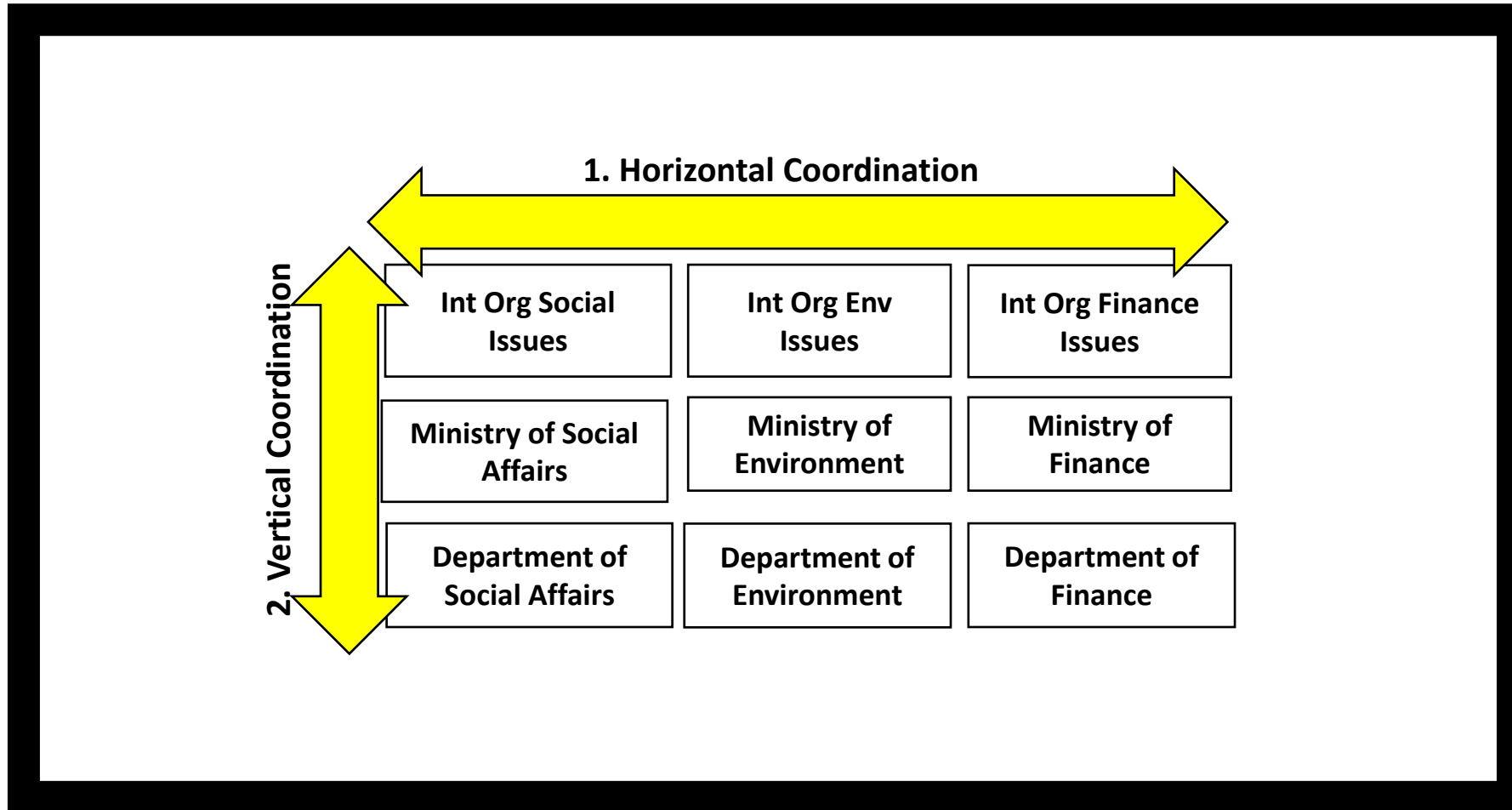


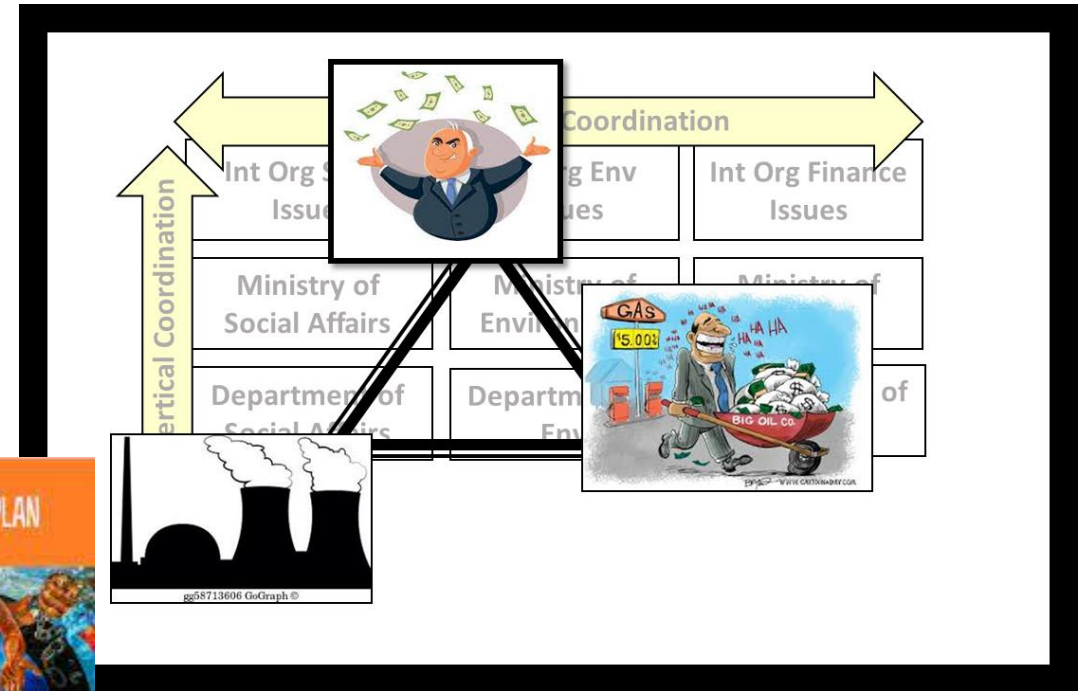
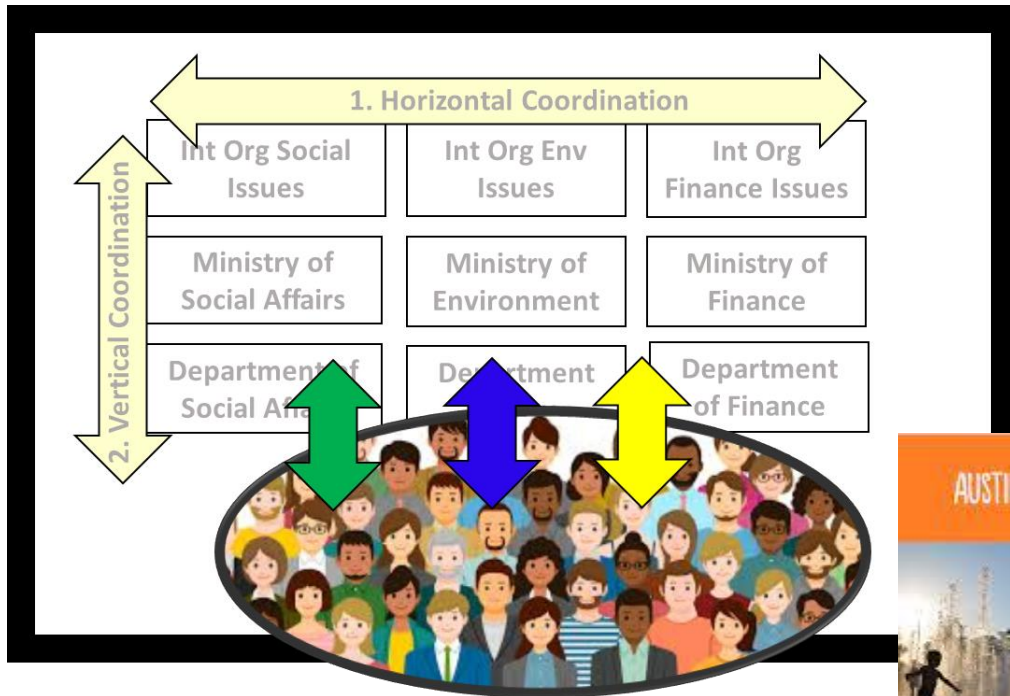
Figure 4: Example of one of the multiple efforts made by Nagano Prefecture. Electricity Sale Scheme, selling electricity to big cities from two new hydropower plants.

# Multi-sectoral, multi-level forms of governance will be needed to work across issues and space





# Will also need more participatory institutions to break iron triangles preventing transitions



Austin Climate Equity Plan