

Infrastructure Service Delivery

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ISO 55000 – Asset Management

ASTM E3210 – Infrastructure Management

ISO 37120 – Sustainable cities and communities – indicators for city services and quality of life

restructuring America

2020 Asset Leadership Forum

October 6 - 23

ISO 55000 – Asset Management

Suite of standards that **address** a) **activities** performed directly on assets; b) **strategies** to derive value from them; and c) **coordination** to improve behaviours to actualize continuously increasing values.

ISO 55000 – Asset Management

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ASTM E3210 – Infrastructure Management

Practice for *engaging recipients* of municipal *services* so that each is delivered in a transparent and accountable manner; provides a **Strategic Asset Management Plan** for those organizations conforming to **ISO 55000** and allows service recipients to weigh in on performance.

ISO 55000 – Asset Management

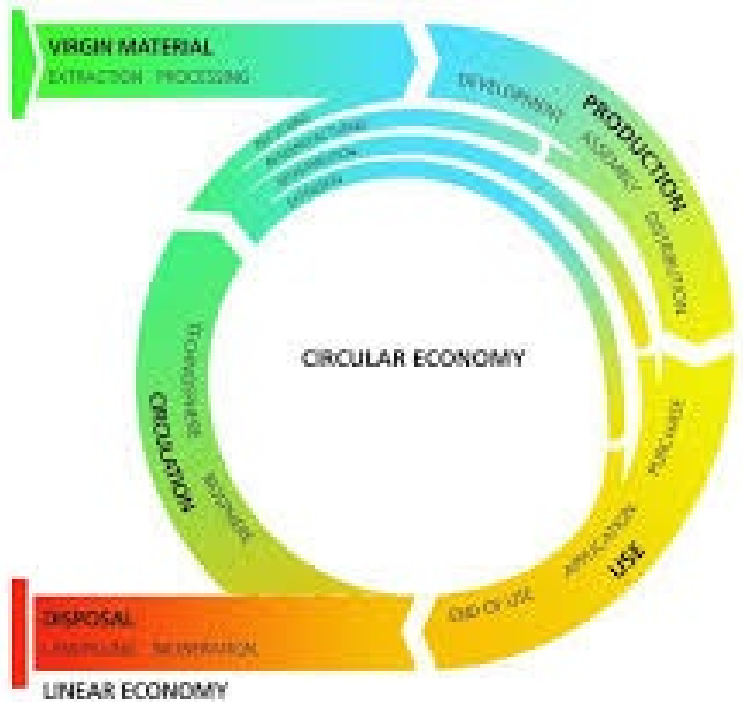
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ASTM E3210 – Infrastructure Management

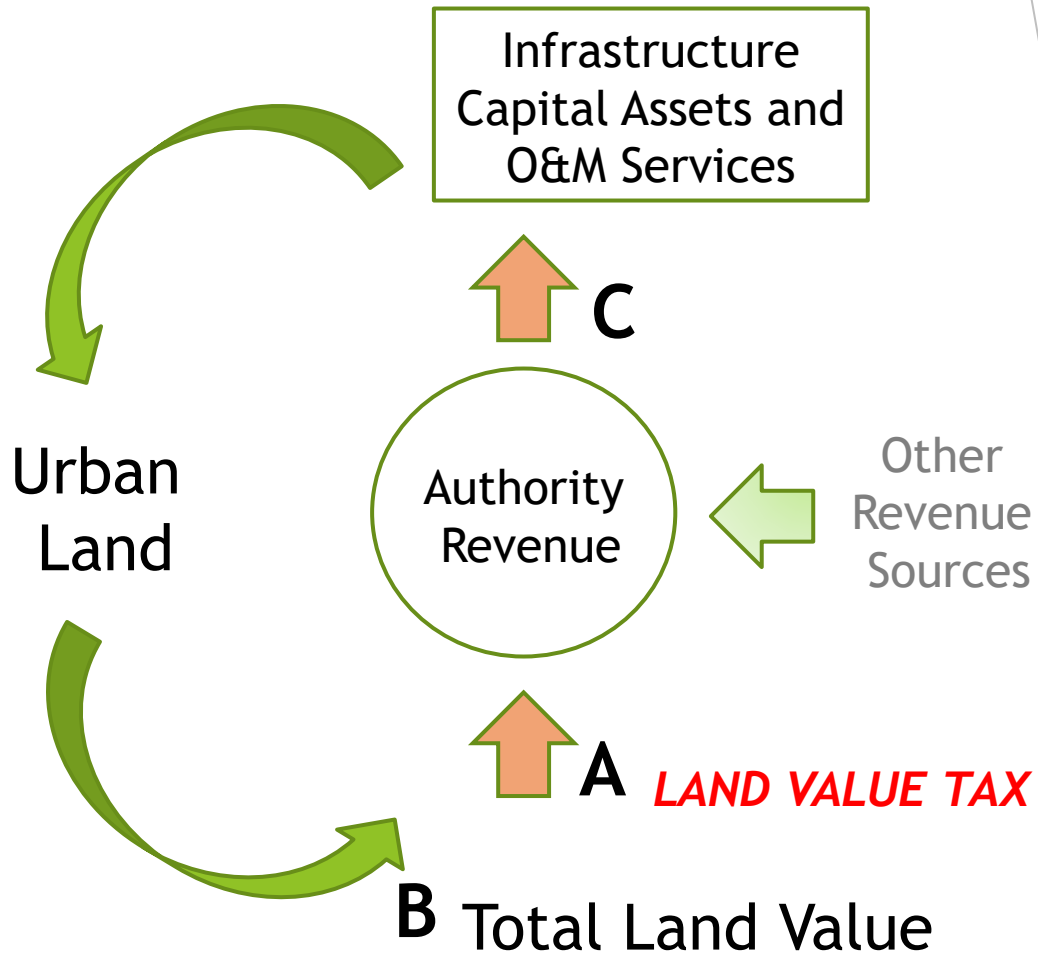
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ISO 37120 – Sustainable cities and communities – indicators for city services and quality of life

Standard with **111 benchmarks** that could be **used in E3210** for **urban economy**, education, **energy**, environment and climate change, **finance**, governance health, **housing**, population and social conditions, **recreation**, safety, **solid waste**, sports and culture, **telecommunications**, transportation, **urban/local agricultural and food security**, urban planning, **wastewater**, and water.



Circular Material Flow

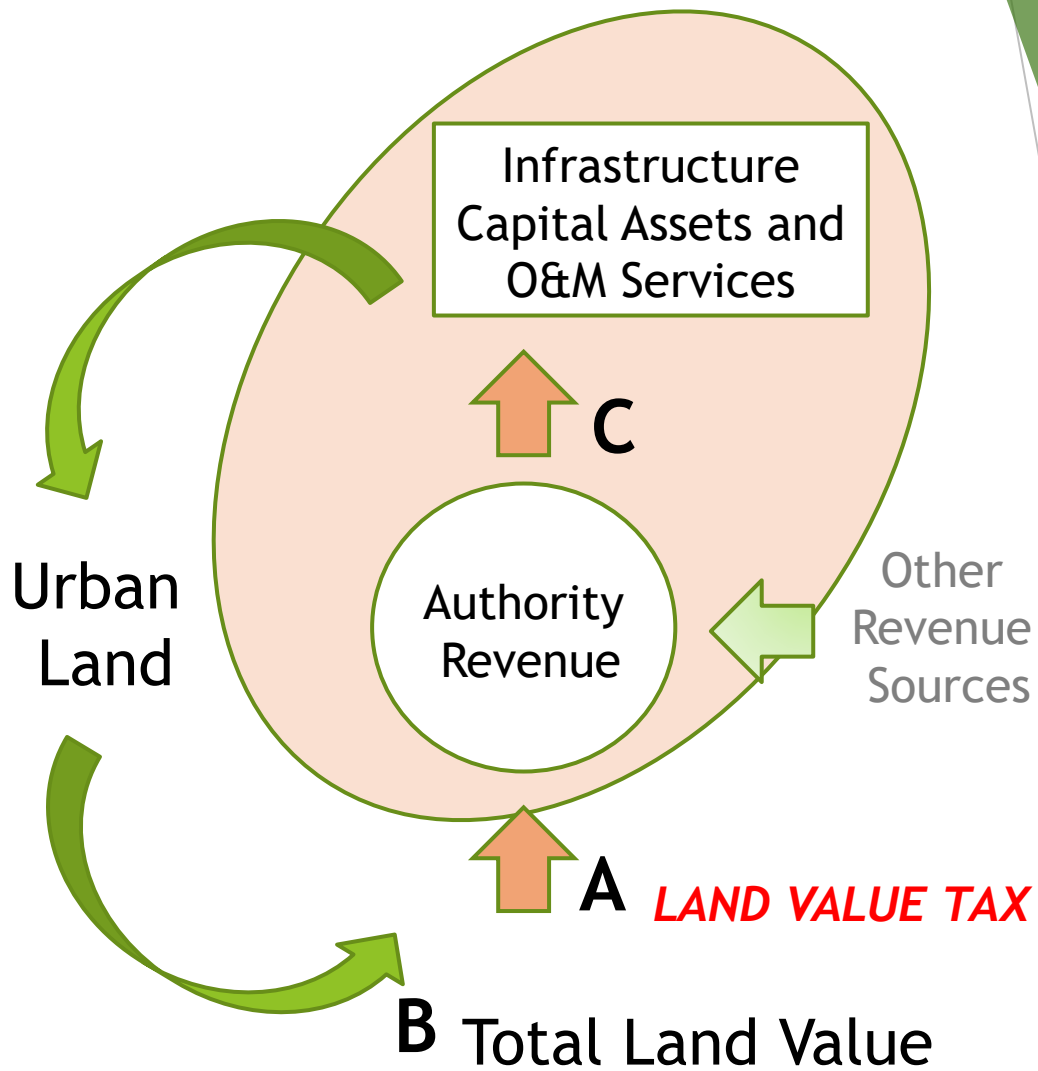


LAND VALUE RETURN = A / B, when C = A

Circular Wealth Flow

The shaded area denotes the *provisioning* results of the three standards:

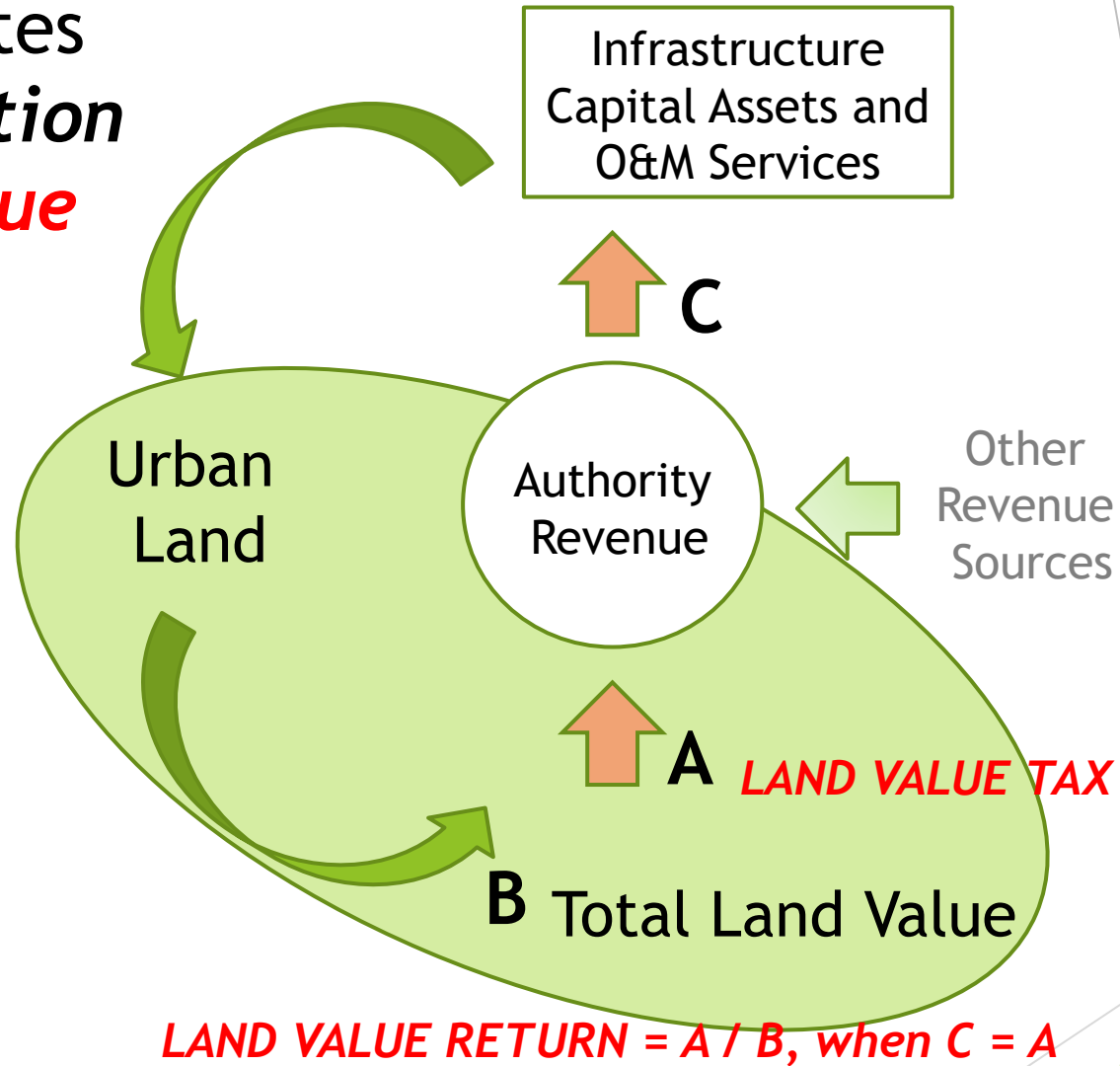
ISO 55000
E3210
ISO 37120



$$\text{LAND VALUE RETURN} = A / B, \text{ when } C = A$$

Circular Wealth Flow

The shaded area denotes the *equitable generation* of **provisioning revenue**



Circular Wealth Flow