

4 Principles for Success in Delivering Sustainable Transport

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Introduction

- **Why do we need more sustainable transport?**
- **What makes it difficult?**
- **4 Success factors**
- **Case studies**



Why do we need more sustainable transport?

- Greenhouse Gas Emissions
- Air Pollution
- Dependency on Fossil Fuels
- Urban Sprawl**
- Traffic Congestion**

Health benefits

- Improved Physical Activity**
- Traffic Safety**
- Mental Health Benefits
- Noise Pollution Reduction

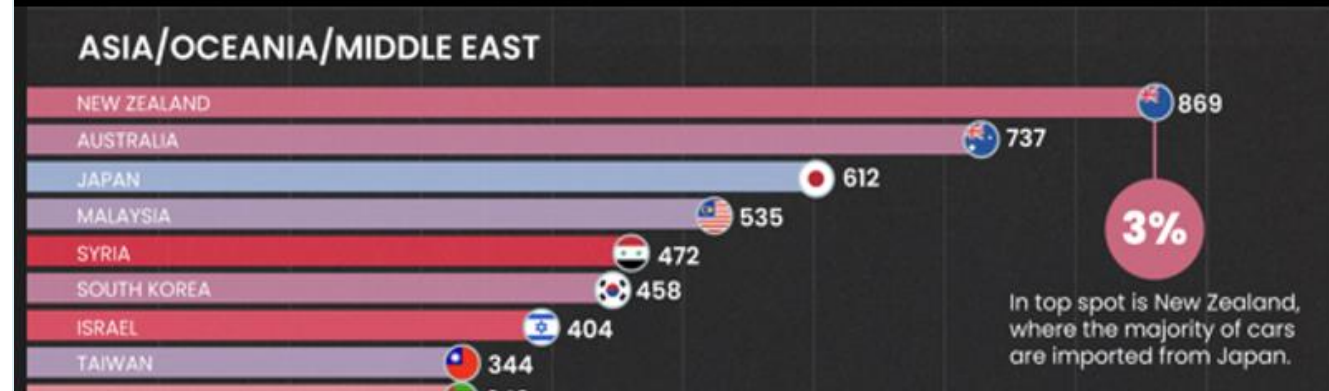
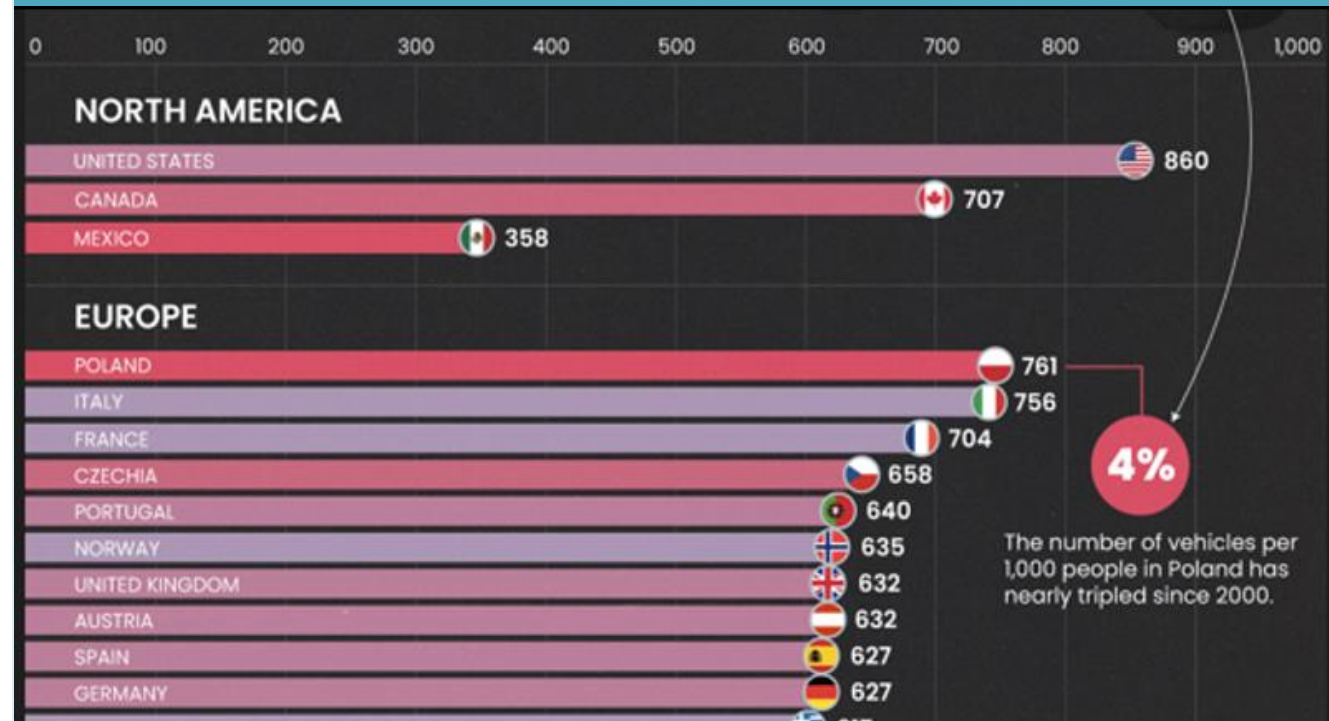


Image Credit: Visual Capitalist



What makes it difficult?

- Politics...
- Social license!?
- Constrained road corridors – retrofitting is tricky
- Business casing and associated regulatory processes take a loooooooooooooong time
- It can be very expensive \$\$\$\$

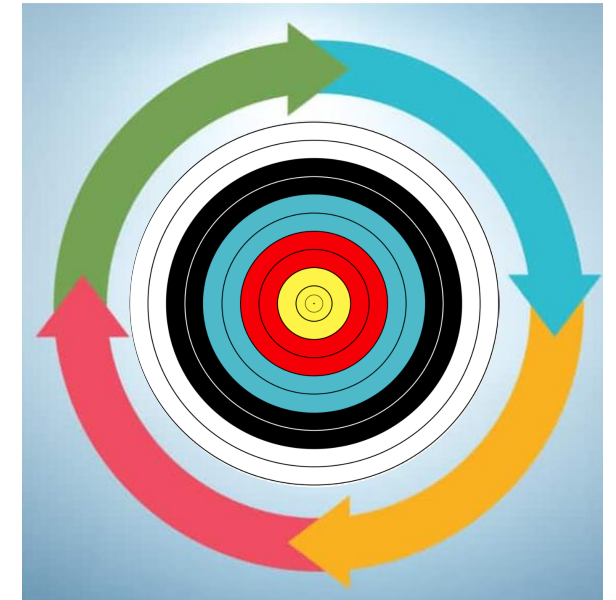
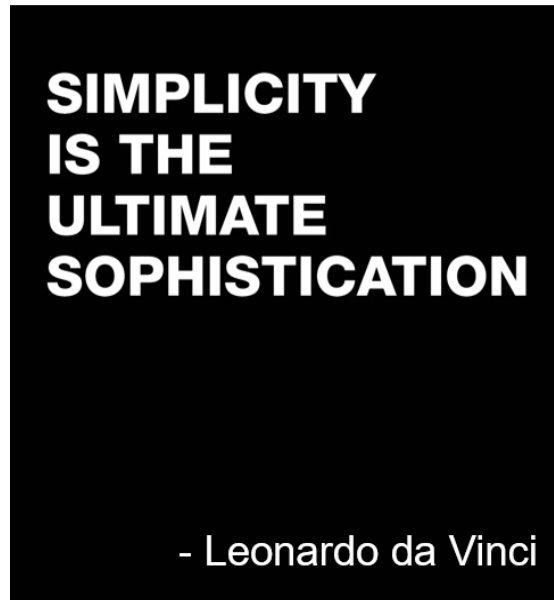
Success Factors

Leadership

Simplicity

Collaboration

Continuity





Resilient

Agile

Leadership Team

Humble

Pragmatic

Simplicity

- Clarity
- Efficiency
- Cost effectiveness
- Accessibility to the process
- Agility
- Reduced risk
- Increases speed
- Scalability**



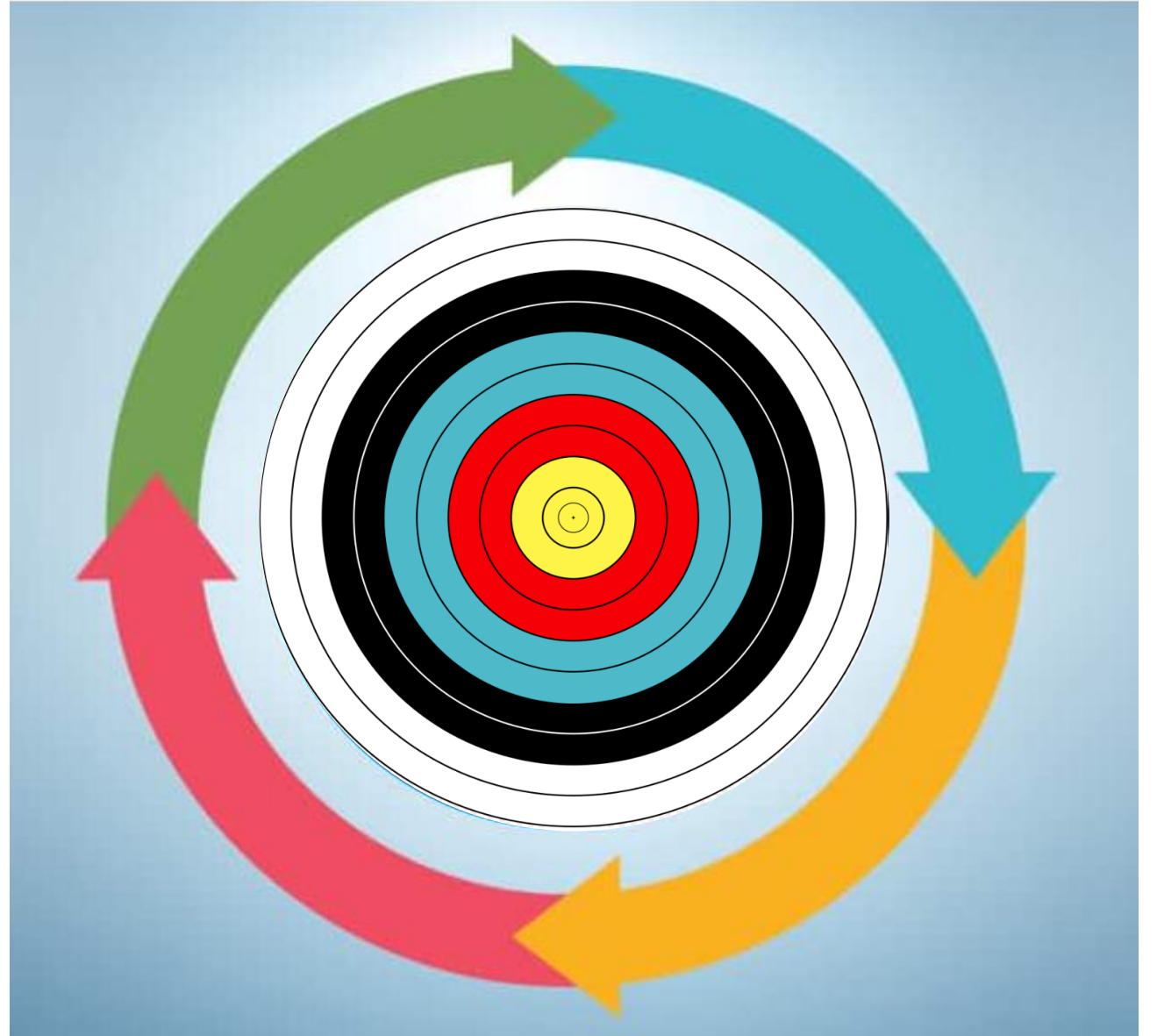


Collaboration

- Stakeholder/Community engagement
- Multi-modal expertise
- Innovation and creativity
- Risk management
- Resource optimisation
- Adaptive planning

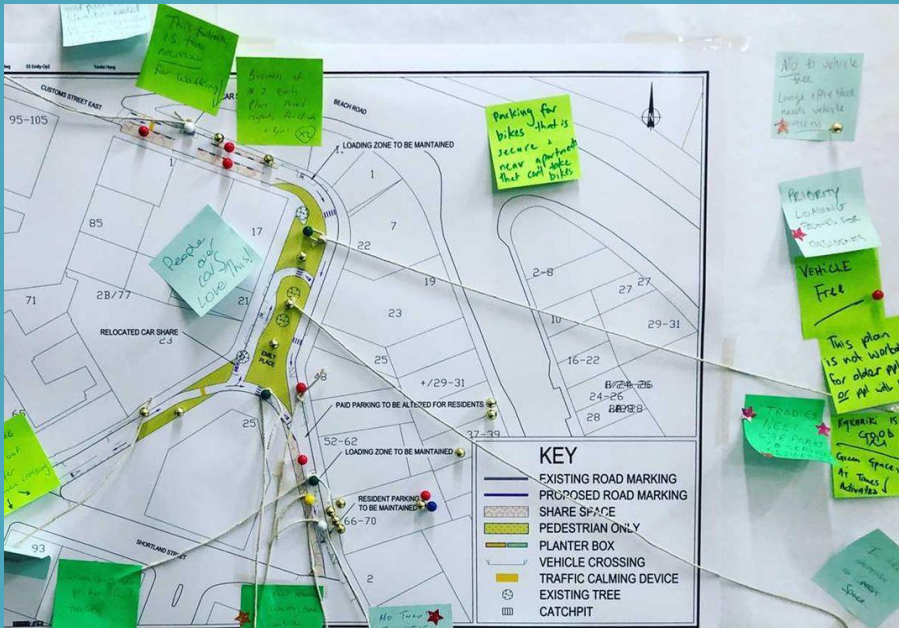
Continuity

- ❑ Consistency and Efficiency
- ❑ Quality and Risk management
- ❑ Agility
- ❑ Knowledge transfer
- ❑ Resource optimisation
- ❑ Time management



Emily Place, Auckland

- ❑ Delivered by AC via Waka Kotahi framework – Innovating streets
- ❑ Strong leadership team that focused on keeping the scope simple
- ❑ Collaboration through co-design and squad reviews





Ākau Tangi shared path, Wellington

- ❑ **Delivered by WCC via LGWM City Streets Targeted Improvements SSBC**
- ❑ **Agile, pragmatic leadership that enabled collaboration and continuity**
- ❑ **The business case was delivered and funded in 8 months**
- ❑ **Close working relationship between WCC transitional cycling team and City Streets team**





Closing

- We need more sustainable transport
- We know why it's difficult to implement
- Focus on the 4 Success factors
 - ❑ Pragmatic, resilient, agile leadership (team)
 - ❑ Simplify the process
 - ❑ Collaborate!
 - ❑ Stabilise the moving target by achieving continuity

'They were saying no one would ride it': 10 years on, Burrard bike lane is N. America's busiest, officials say

Vancouver, Canada 2022



