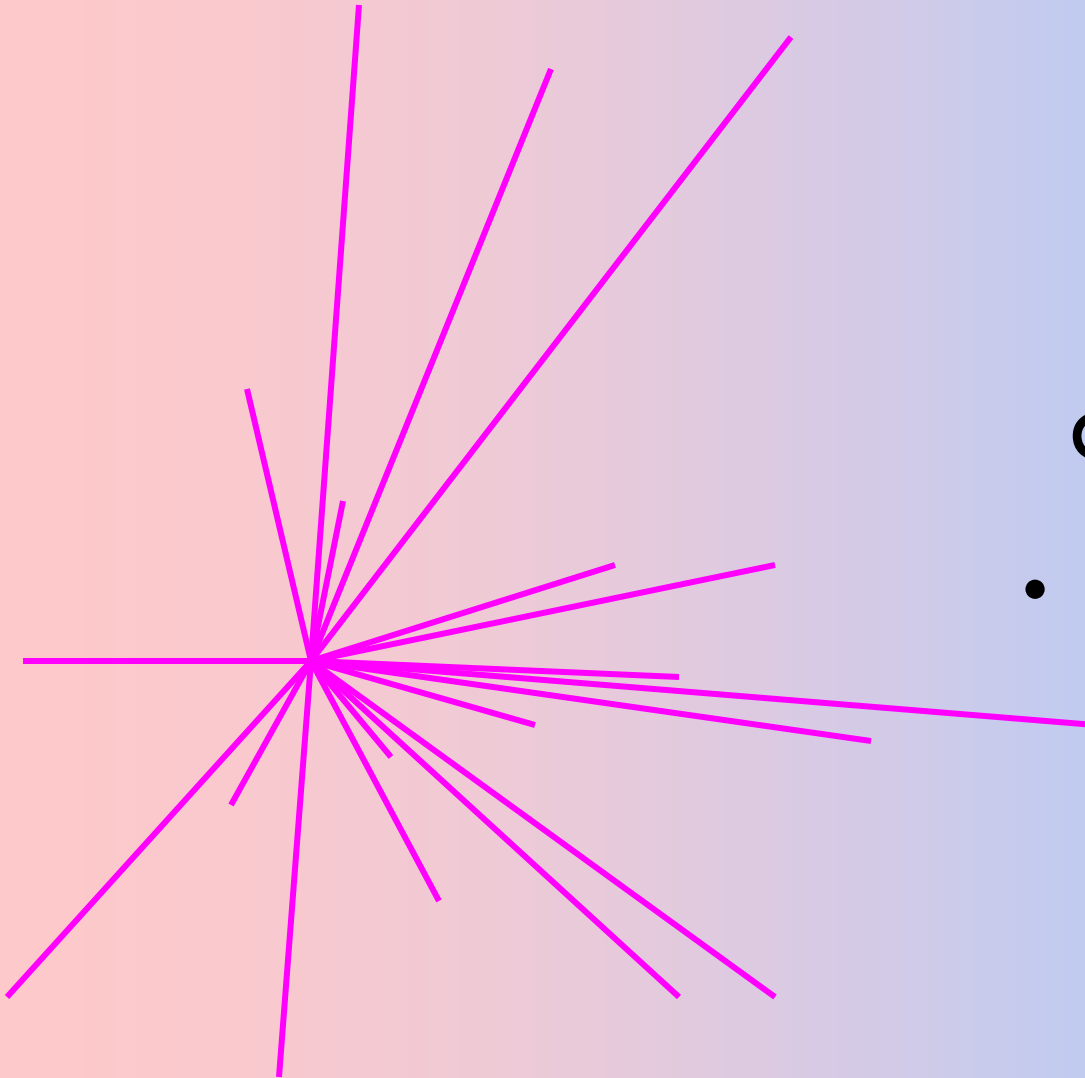


LIGHT RAIL



CHRIS STAPLETON

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LIGHT RAIL

	Road	>15<25 DBI Deck	<15km Metro Sngl Deck	LRM DbI Unit	Light Rail	Bus
Capacity	6000	23800	28800	36000	9600	6000
Frequency	5400	17	24	60	60	120
Cost per KM	158	66	81	47	47	32
\$/pax	26333	2773	2813	1306	4896	5333
Ratio	20.2	2.1	2.2	1	3.75	4.1



LIGHT RAIL



LIGHT RAIL



LIGHT RAIL



LIGHT RAIL



LIGHT RAIL



SYDNEY Light Rail Strategy

Why

Reaction

Washington DC

M7 Orbital

Portland

Gold Line

Sydney CBD

SW Sydney

UNSW

Airport Line

Huge build out

Change will occur;

Second Stage

Simple access

Not so hot

Limit of density/frequency

Limit of TOD

Supplement Capacity