

Infrastructural Development Sandyford to Three Rock

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Dublin Bay – the vista from Three Rock to Howth

Vision Statement

- Think Table Mountain in Cape Town
- Think Three Rock Mountain Park in Dun Laoghaire-Rathdown
- The view over Dublin City and Bay
- Think about a link from the HEART of Sandyford to Three Rock.

Goal and Objective

- Sandyford Estate was to become an attractive high rise urban environment with upwards of 40,000 persons working and living in the area
- Dublin's urban framework requires key infrastructure and public investment
- This submission has a broad vision and also encompasses adjoining features
- Desired outcomes sought by Dun Laoghaire-Rathdown County Council are addressed
- In particular it addresses a key element of Public Transport / Investment
- Furthermore it satisfies a key element regarding landmarks and broadening of tourist and outdoor activities

Today's Situation

THREEROCK

- Narrow and limited car based access
- No incoming tourist base or income
- Limited Public Transport

SANDYFORD

- Isolated from the hinterland (LUAS excepted)
- High tech business developments
- Potential to continue & develop other aspects

How Did We Get Here?

- Evolution of a major Industrial Estate
- Minimal living areas & no votes
- Ad hoc private investment
- M50 and Luas boundaries not ideal

Sustainable Options

- Can't maintain isolated developments
- Look for Attractive & Innovative Solutions
- Broaden the Public Transport and Tourist options
- Public / Private Investment when value can be obtained
- Combine development with leisure & innovation
- Add a unique Attraction & Income generating option
- Opt for an Aerial Tramway linking Sandyford to Three Rock

Recommendation

- Build an Aerial Tramway
- Starting at a “Waterfront” / Luas - via a possible High Rise bounded Plaza to a “Landmark” stop towards the southern boundary
- Access Tramway Via High Rise “Landmark” Building
- Continue via a West Stepside stop, outside M50
- Arrive at Three Rock Mountain Park and associated amenities / natural viewing & outdoor recreation area
- Four kilometres of Aerial Tramway

Features

- The height of the Tramway will provide a unique attraction combined with the Urban Space along the Piazza and Boulevards between the high-rise developments.
- The Tramway support and access buildings will form the Landmark Buildings which will be accessible and functional and provide an added dimension to the Urban environment.
- Three Rock needs to be developed as a key recreational and visitor amenity – a Mountain Park – Coillte owned.
- This project uniquely matches the need for Dublin as a European Capital to offer world class attractions and infrastructure to be enjoyed by citizens and visitors alike.

Compare Size & Cost

- Portland Aerial Tram Oregon
- 1 km Commuter link between city's South Waterfront district and Oregon Health & Science University (OHSU) and the Marquam Hill neighborhood.
- Completed for \$57 million in 2006
- Sandia Peak Tram (New Mexico) has the third longest clear span in the world, at a length of 2.3 km. Mid-span, the cables are 900 ft (274 m) above the mountainside.
- Norsjö aerial tramway in Sweeden is a 13 km long aerial tramway between Örträsk and Mensträsk. It went into service for passenger traffic in 1989.

Next Steps

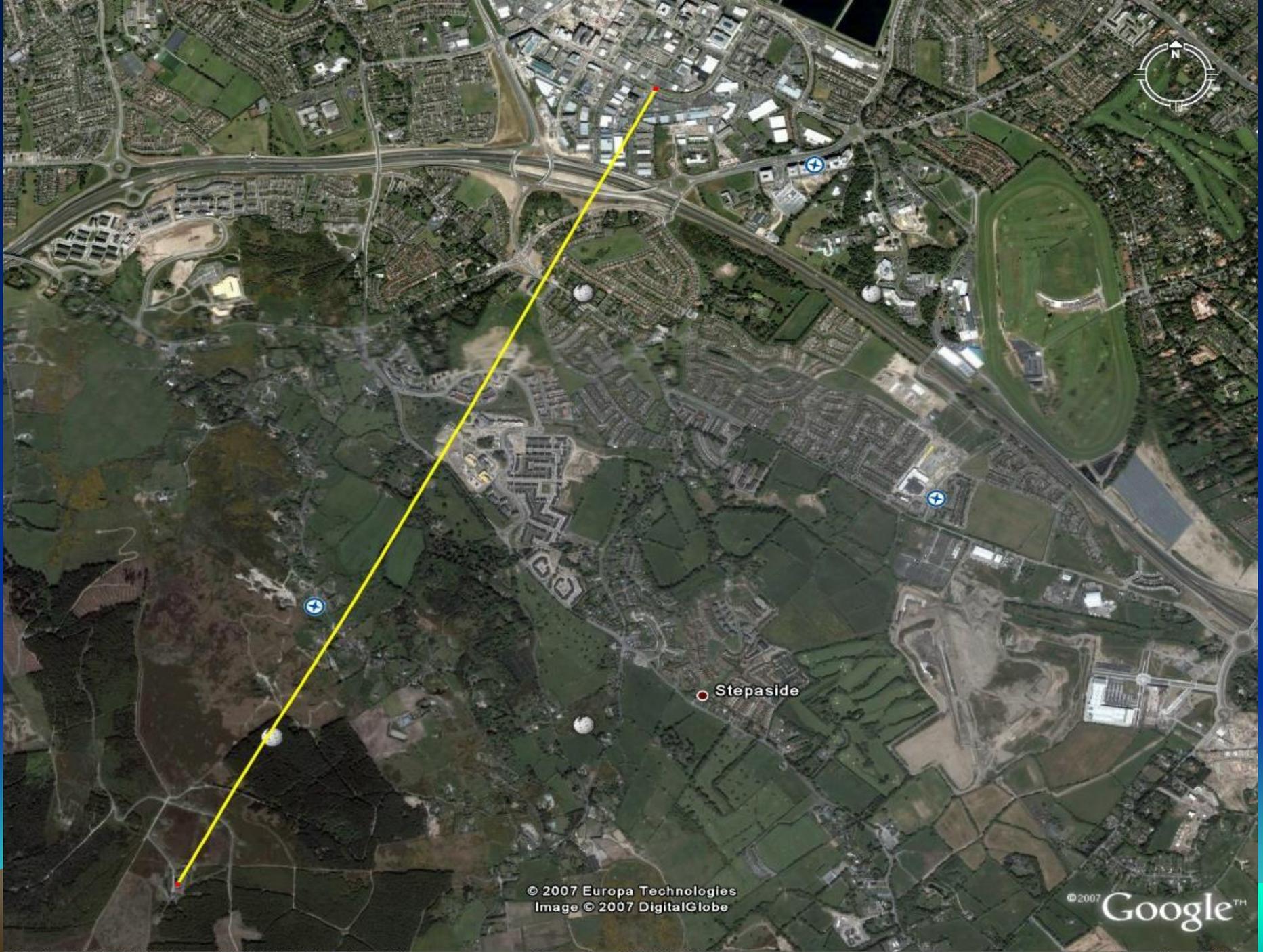
- Circulate to Planners and Politicians
- Seek political support
- Research budgets
- Approach Coillte
- Establish PPP Partners with Sandyford Site
- Develop potential routes

Additional Information

Aerial View of Route

View from Landmark Stop

- towards Luas / Waterfront
- towards Three Rock



Stepaside

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Pointer 53°15'33.31" N 6°12'50.07" W elev 113 m

Streaming ||||| 100%

Eye alt 4.28 km





More About The Originator

Diarmuid Moran is a Chartered Engineer and Safety Professional

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Diarmuid has a PhD in physics from Trinity College Dublin