VERTICAL + HORIZONTAL

INTEGRATING WITH APMs

Lisbon
September 2-4 2013
Automated People Movers (APM)

- Guideway gives speed, power, safety and ease of automation
- Cost: tunnel vs aerial
- Light scale possible
SAFETY & SECURITY

- Public Info
- CCTV
- Policing
- Emergencies
- Animal Intrusion
160+ APMs Worldwide

- 1/3 airports
- 1/3 driverless metros
- 1/3 leisure or institutional
MAXIMUM GRADE depends on Propulsion

- Rail: 1-2%
- Tire: 5-10%
- Cable: 15-40%
- Incline: 50%
- Elevator: 90%
Many Otis cable-drawn installations

Active suppliers: Doppelmayr-DCC, Leitner, Coaster
Interesting Mini-Metro in Perugia
PRT: Flexible, Taxi-like service
PRT is commercially active
STATION-BUILDING INTERFACE
LOBBY INTEGRATION

- courtesy of Ron Woods
GUIDEWAY OPTIONS
- courtesy of Prof. Charles Harris
SHADING PEDESTRIANS
INTEGRATING YOUR DISTRICT

- Stations make places
- Guideways make good conduits
- Design with your identity
- www.podcar.org