

Plan Rail 2050

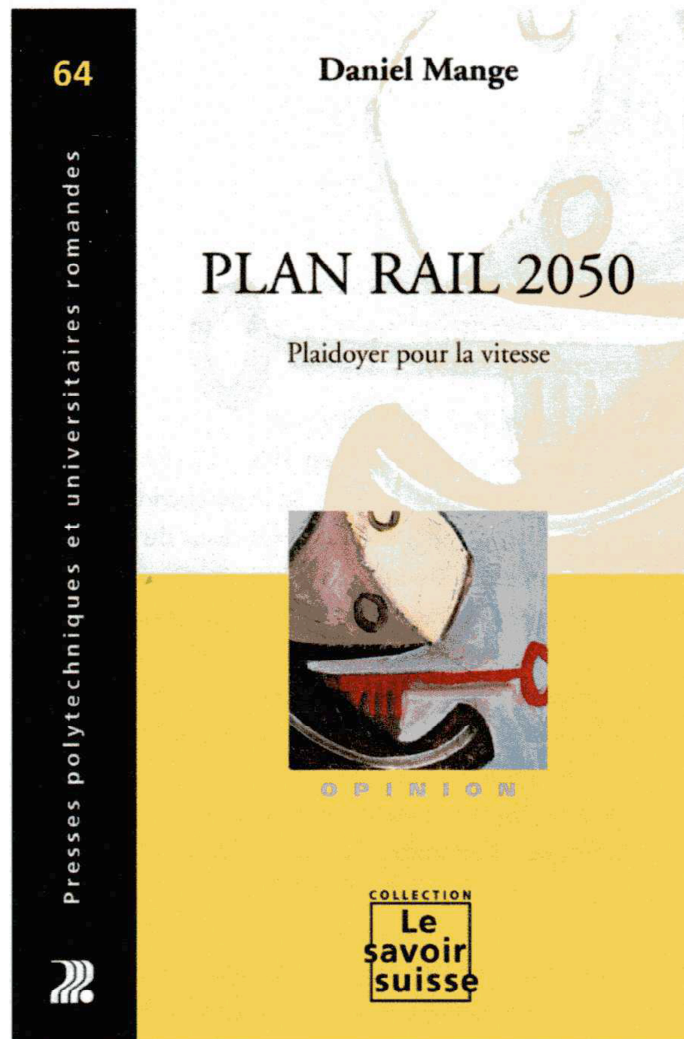
High speed trains in Switzerland



Daniel Mange

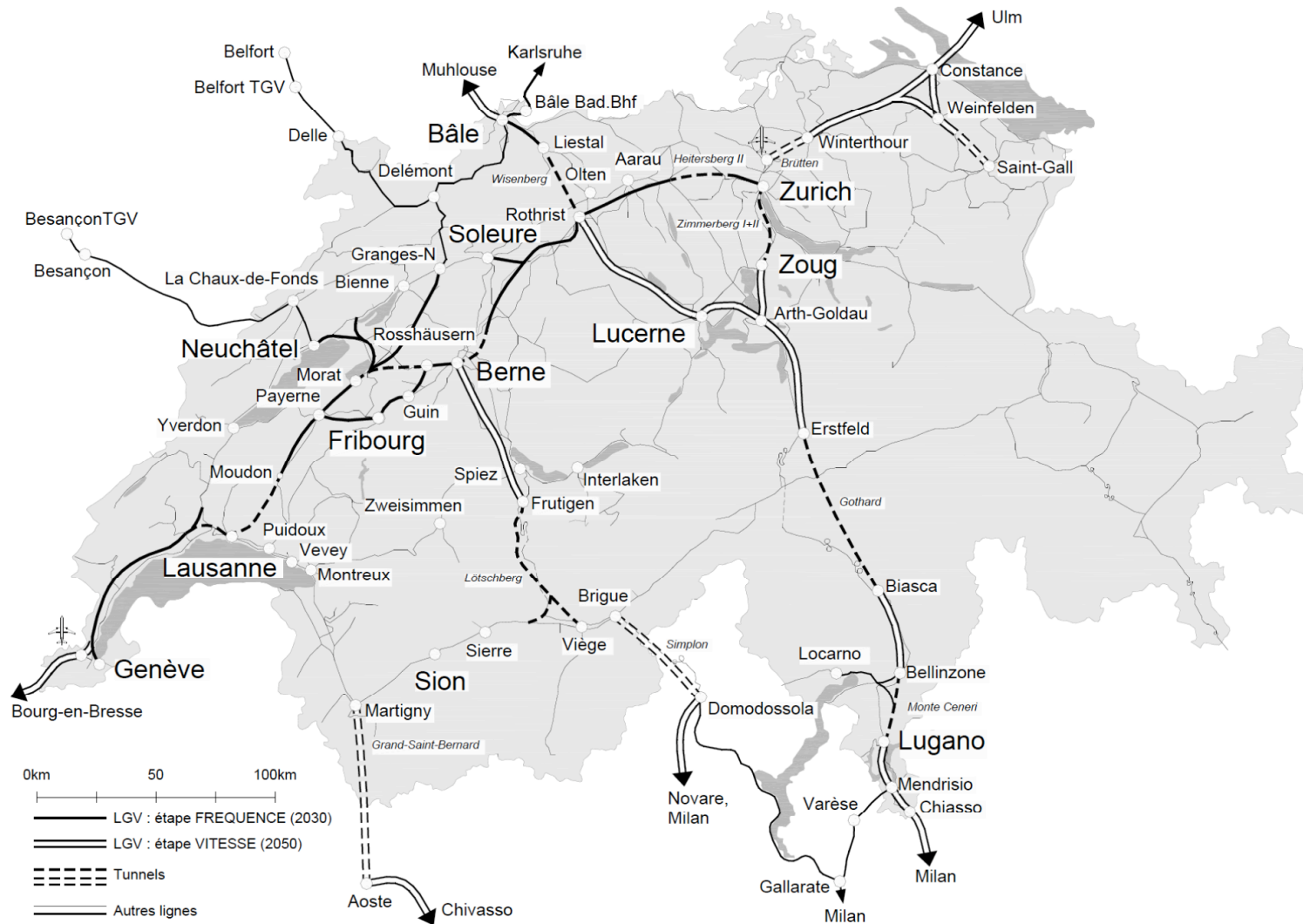
Honorary prof. EPFL and Secretary citrap-vaud.ch, Lausanne

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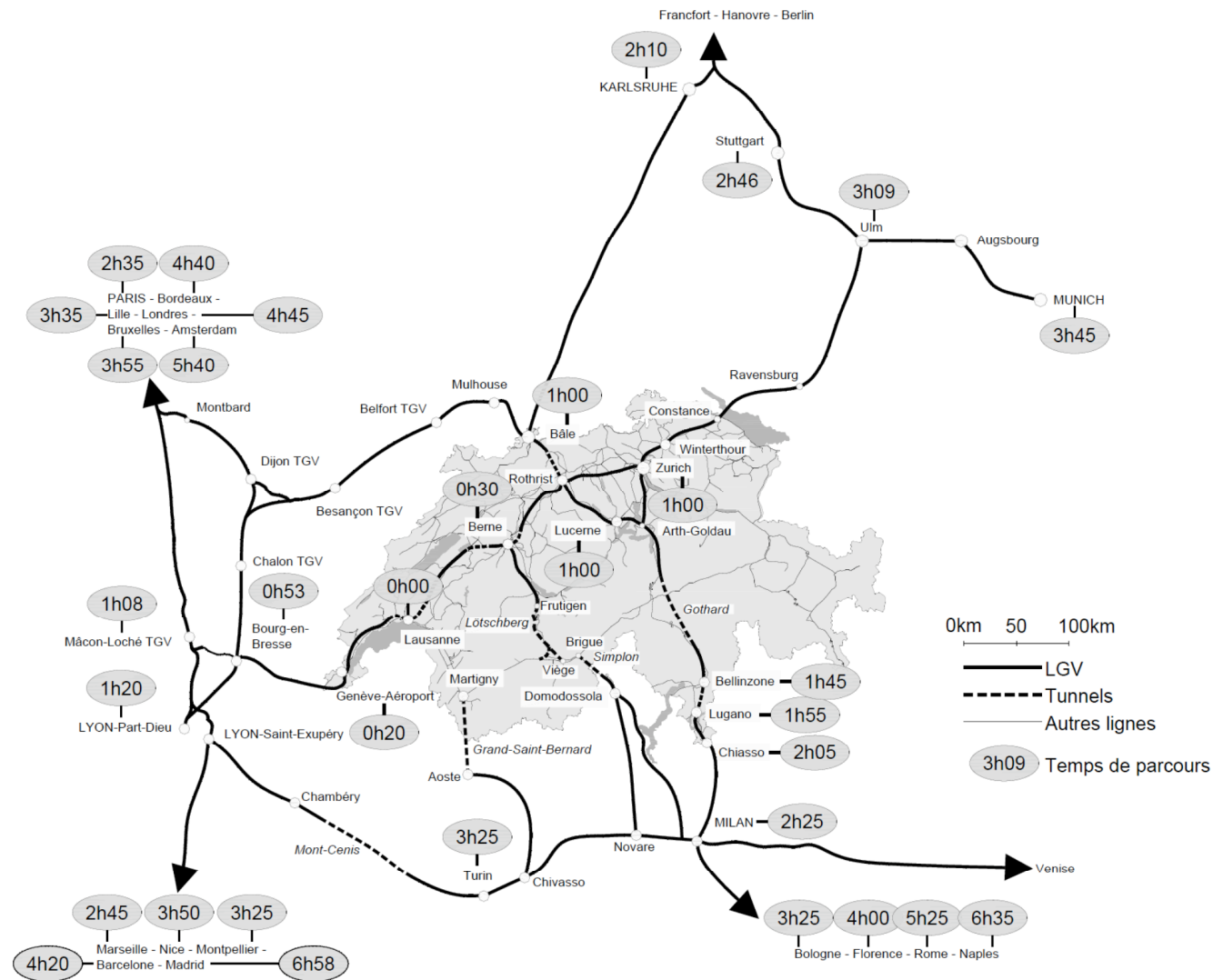
My dream

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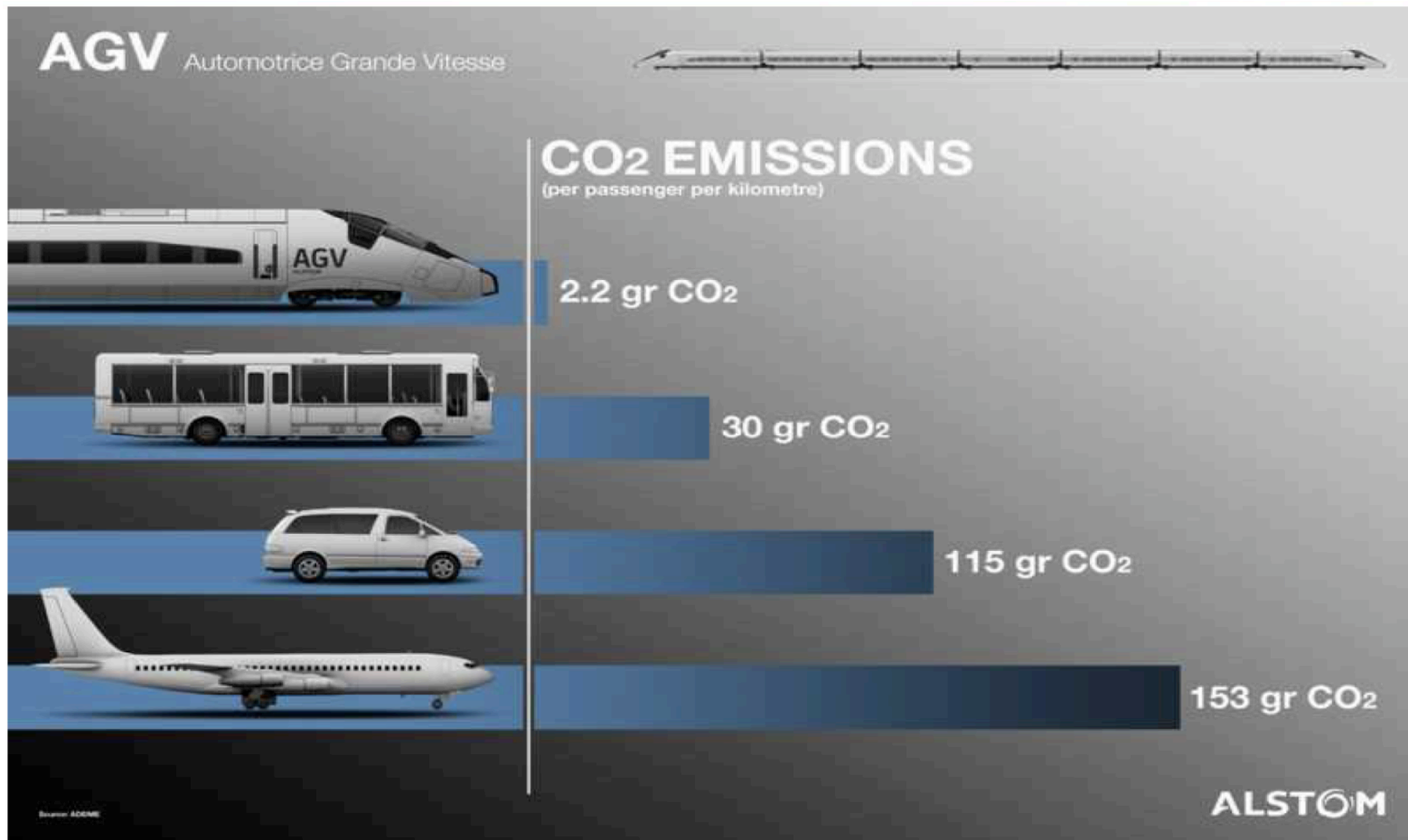
FREQUENCY (2030) and SPEED (2050) major steps

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**SPEED step (2050); the 5 european destinations:
Karlsruhe, Munich, Milan, Lyon, Paris**

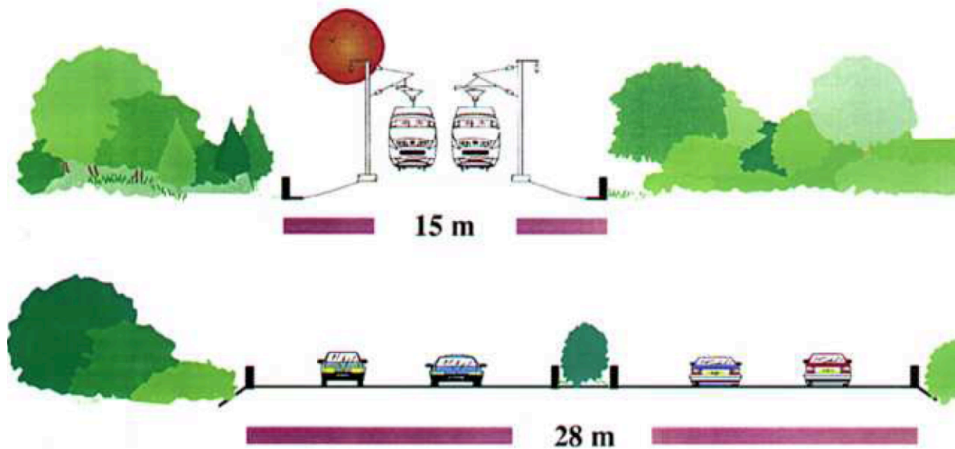
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CO2 emissions are minimal

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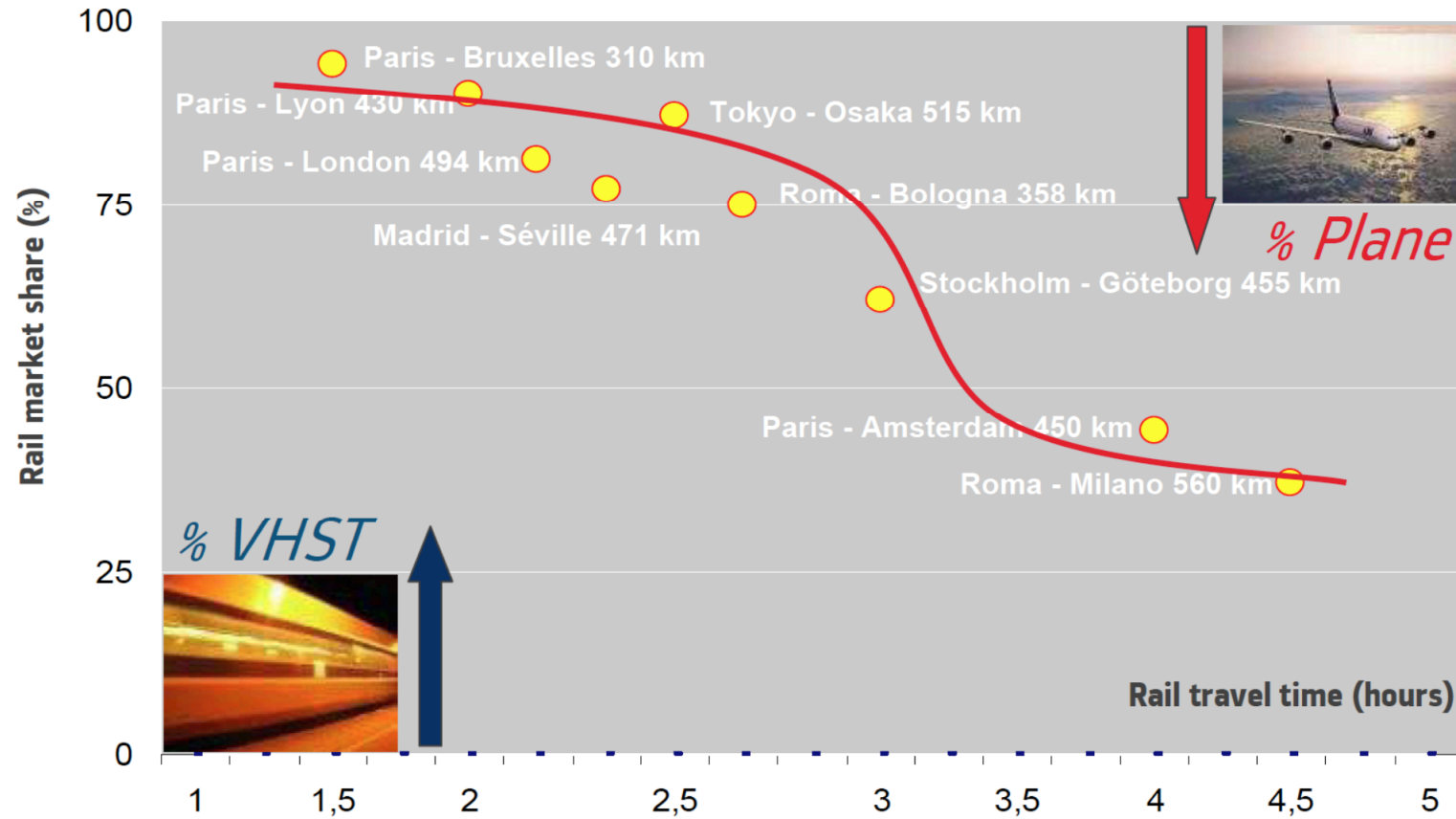
Land requirements are smaller



HSL Highway

Space requirements are smaller

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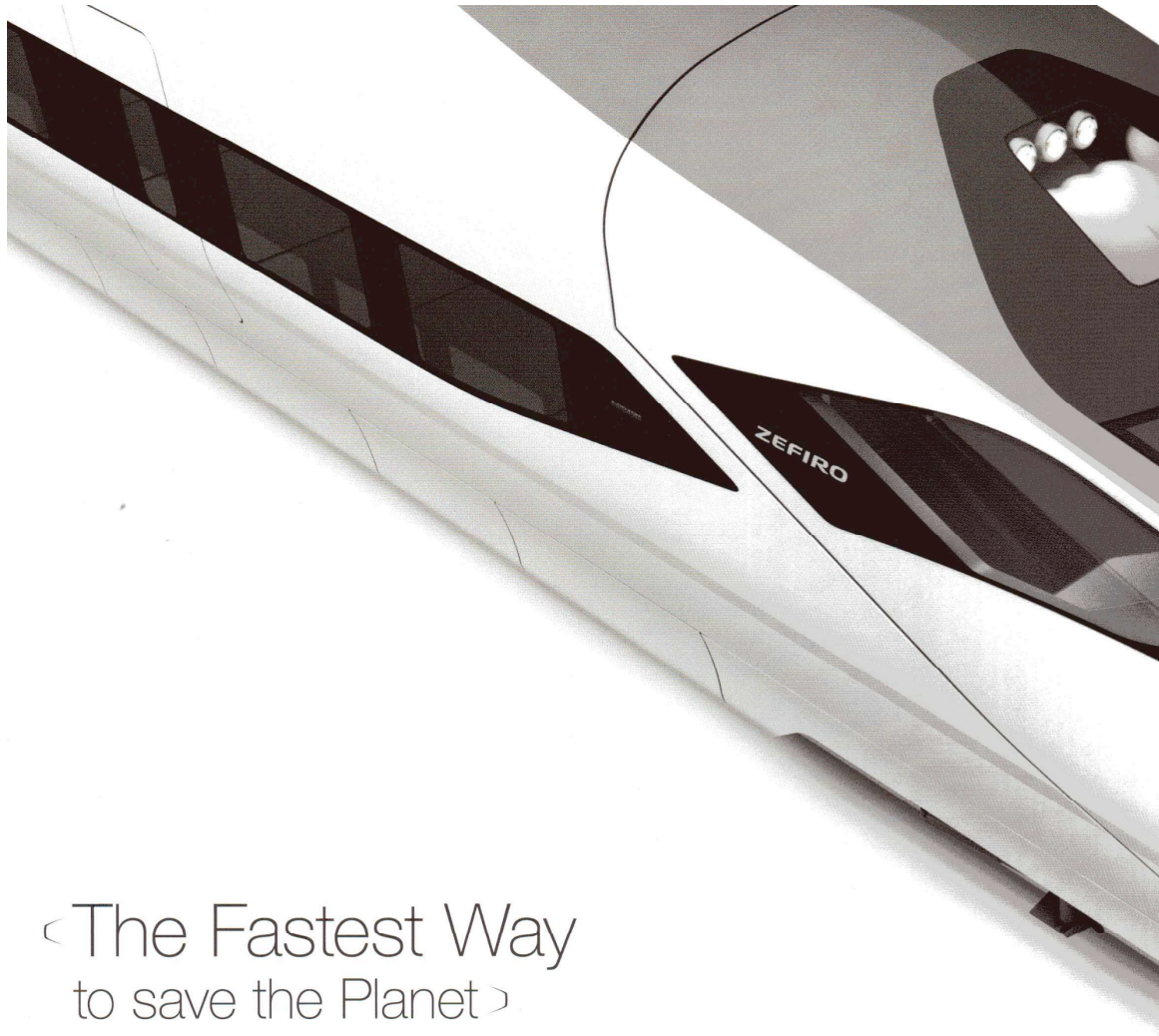
Rail/Air modal split

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Rail high speed market in 2020

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<The Fastest Way
to save the Planet >

Very high speed is the new standard