



AIUS
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City Briefing 54

When: Thursday, 28th September 2017

Time: 5.00 - 6.15pm - followed by networking drinks
and at 6.30pm the AIUS Annual General Meeting

Venue: Ethos Urban, 173 Sussex Street, Sydney NSW 2000

Topic: Reducing Transport Emissions

Speaker: Frank Szanto

Note: This event is eligible for points/hours towards your required CPD

Speaker

Frank Szanto is an engineer with Downer Rail, involved in the design, production and maintenance of diesel locomotives and double-deck passenger trains. In November 2011 he gave us new understanding of why Australia was (and is) stuck with "not so-high speed rail".

This time Frank will explain that calculating the CO₂ emissions avoided by investing in photovoltaics is rather tricky. He will tell us that gas and renewable energy sources have caused coal-fired generation to fall (which of course we knew), but worry us by revealing that emissions from transport have increased. By far the largest share of this comes from road transport, and more than half of that from cars. About 30 trains would be needed to replace the 3000 to 4000 trucks on the road nightly between Sydney and Melbourne, and their value would be much improved if we straightened out the track. Could renewable energy power trains? Do come and find out.

Bob Solomon
Chairman

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