

The Case for High Performing Buildings



Gregers Reimann

Managing Director

IEN Consultants Sdn Bhd | Energy Efficient & Green Building Consultancy

www.ien.com.my | gregers@ien.com.my | +60122755630

Lack of awareness & misconceptions

Cartoon of a real conversation I had when explaining my job as Energy Efficiency Consultant



Expensive not to be Energy Efficient



LEO Building



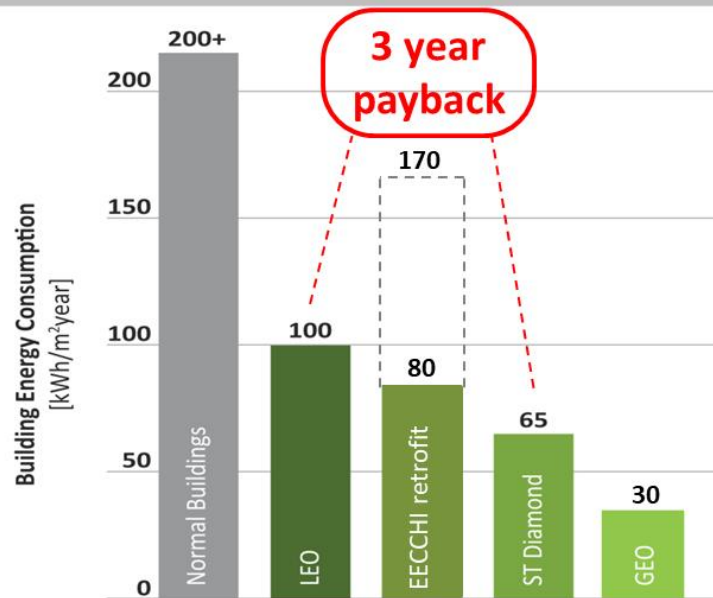
GEO Building



ST Diamond Building



EECCHI retrofit

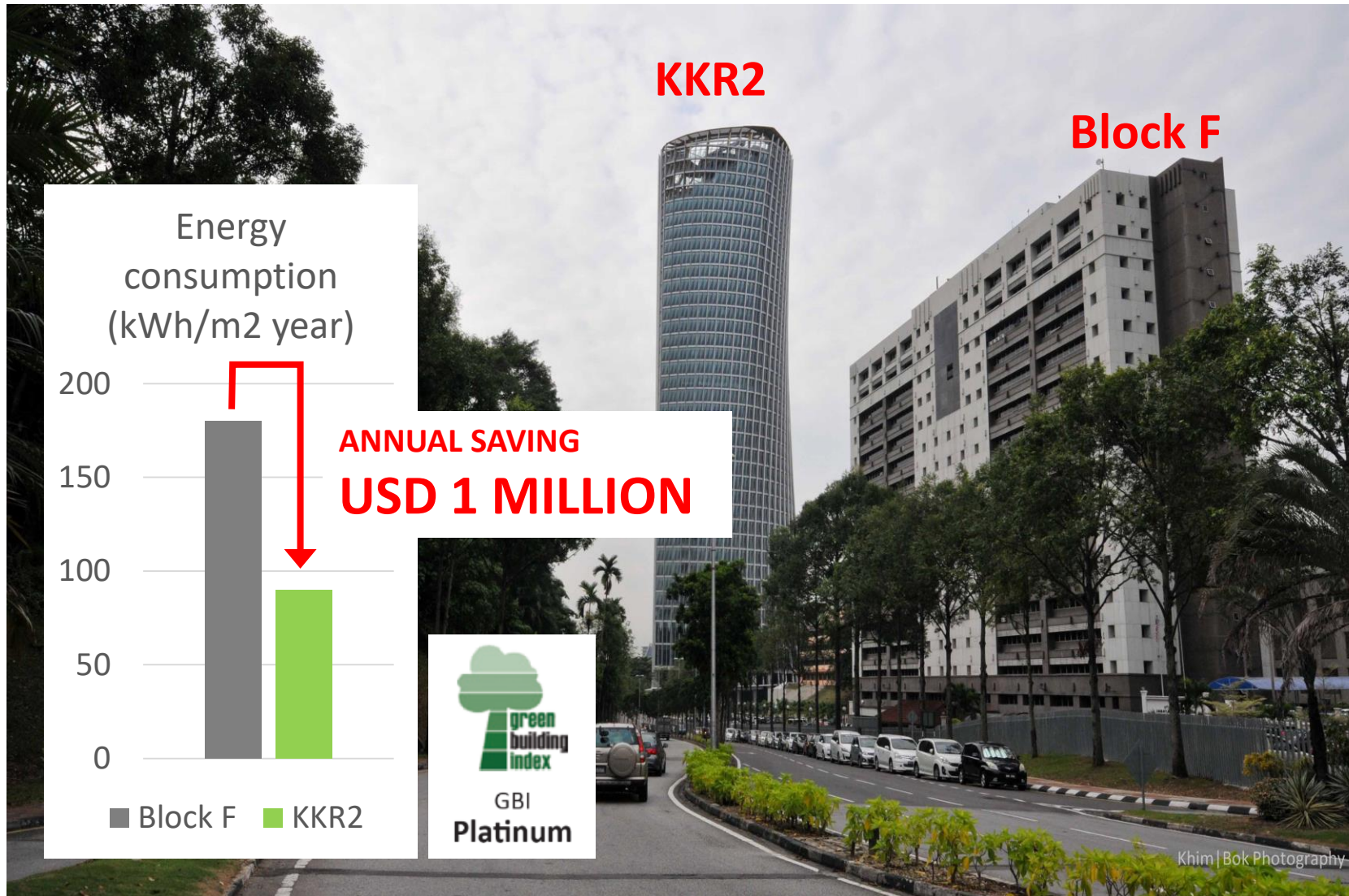


Energy Consumption of Green Office Buildings

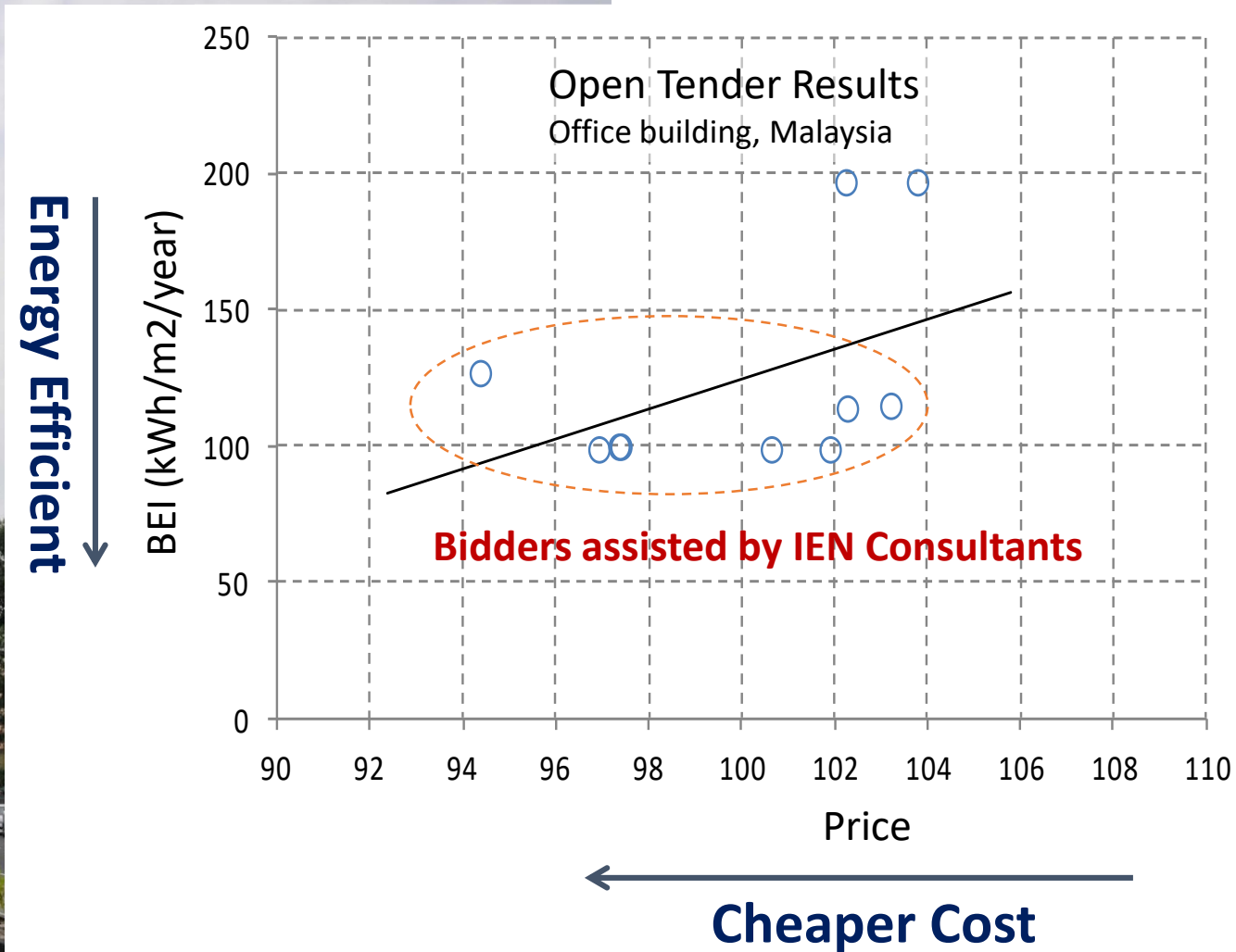
Measured data for New and
Retrofitted Buildings
by IEN Consultants

Completed year: 2004 2010 2010 2007

Expensive not to be Energy Efficient



Cheapest and Most Energy Efficient

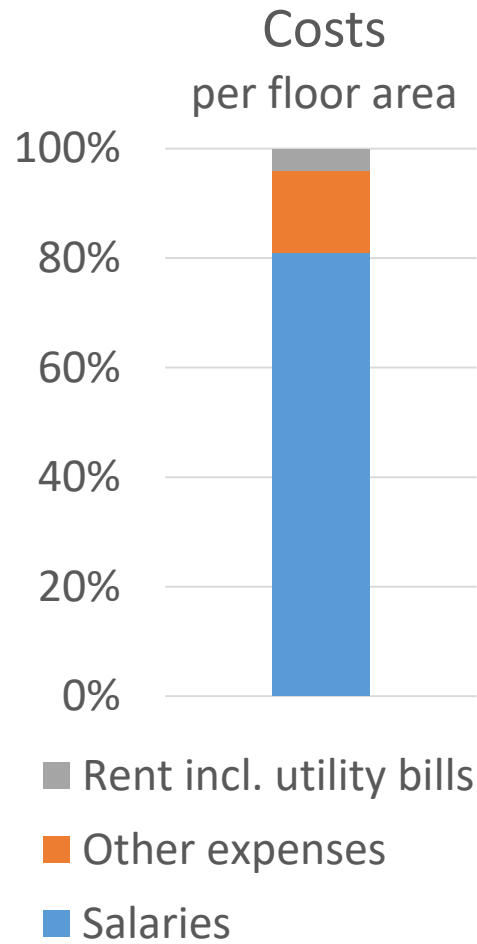


Highest operating cost of a building is...

...salaries

UNPRODUCTIVE
66 days per year!

Amount of time that average Malaysian worker is either absent or suffering from presenteeism
NB. The UK figure is only 30 days per year



WELL
BUILDING
STANDARD®

Body Systems Applied to WELL Features

A simple way to express the built environment's complex impact on the human body

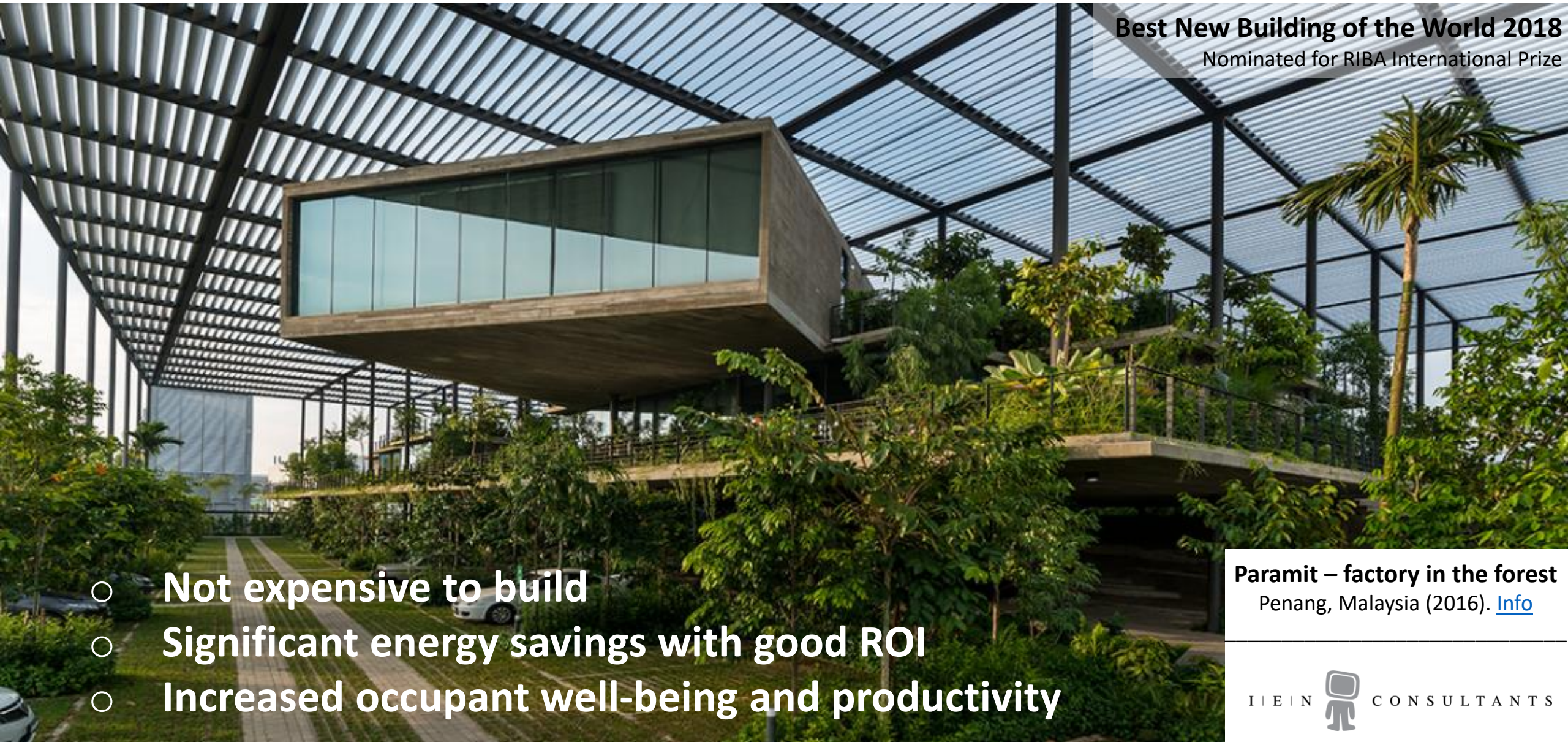


Cardiovascular
Digestive
Endocrine
Immune
Integumentary
Muscular
Nervous
Reproductive
Respiratory
Skeletal
Urinary

Founder: Ex-Goldman Sacs partner Paul Scialla

Source: Expenses at IEN Consultants office in Kuala Lumpur

The case for High Performing Buildings



Best New Building of the World 2018
Nominated for RIBA International Prize

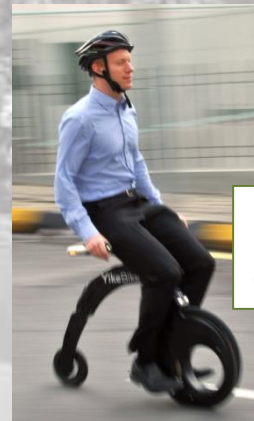
- **Not expensive to build**
- **Significant energy savings with good ROI**
- **Increased occupant well-being and productivity**

Paramit – factory in the forest
Penang, Malaysia (2016). [Info](#)

Thank you!



Gregers Reimann
managing director
+60122755630 (mobile)
gregers@ien.com.my
www.ien.com.my



Build green
- drive clean!