

ASIA-PACIFIC INITIATIVE 2013

Young Leaders Conference Forum 3: “Roles of Global Engineering Leaders”

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There are two kinds of People in the World

(I)

Identify
a Problem
(Vision)

+

Partly my
Responsibility
(Proactive)

+

Create a possible
Solution
(Creativity)

+

Build a team for
Implementation
(Team Work)

=

Leader

(II)

Identify
a Problem

+

Not my issue,
Other should be
Responsible

+

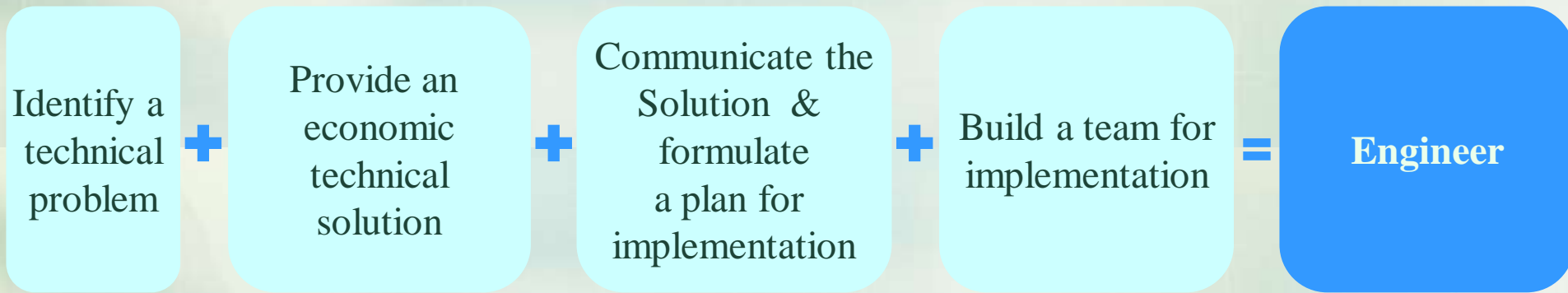
Look around and
see who should
be blamed

+

Mobilize the
media
to attack

=

**Opposition
(Politician)**



Engineer

+

Entrepreneur

+

Leader

Identify a
commercial
valuable
problem

+

Provide an
economic
technological
solution

+

Formulate a plan
to attract investor

+

Create a company
to capture the
market

= Engineering Entrepreneurial Leadership

Identify a
global
Issue



Create an economic
technological
solution

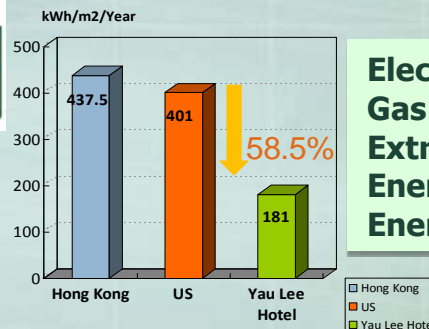


Formulate a plan
for implementation



Build a team to
execute

= **Global Engineering Leader**



Electricity : HK\$2.16M/year
Gas: HK\$0/year
Extra Investment: HKD13M
Energy consumption reduced: 2,566,680kWh
Energy Bill Saved: HKD3.33M / year

Payback period: 4 years

How to achieve this?

1. Sound technological know-how

- Study hard, attend lectures, do your homework, this is fundamental.

2. Good communication skill

- Both Chinese & English, Written & Spoken. It is a usual deficiency for engineers.

3. Cultivate team spirit

- Build up your reputation. Leadership is based on trust, trust by the team. Keeping promise! One needs to be a team player before he/she become a team leader.

4. Continuous learning

- Read more books, journals ,magazines, attend different conferences. One needs a board knowledge of different subjects before you can identify a commercial valuable problem.

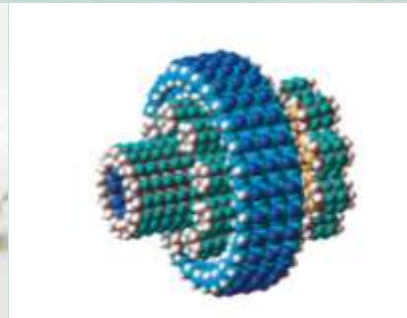
5. Understand the social & technology trend



BIM



3D Printing



Nanotechnology



Google Glass