

Writing a Research Proposal for Support.

Communicate your research plan
to funding agencies.

Dr.Thammachai Chaopreecha

- Member and secretary (since 1995),
Engineering and Industrial Research Committee,
National Research Council of Thailand
- Secretary to Minister of Energy

Based on Related Experiences

**Member and secretary (since 1995),
Engineering and Industrial Research Committee,
National Research Council of Thailand (NRCT)**

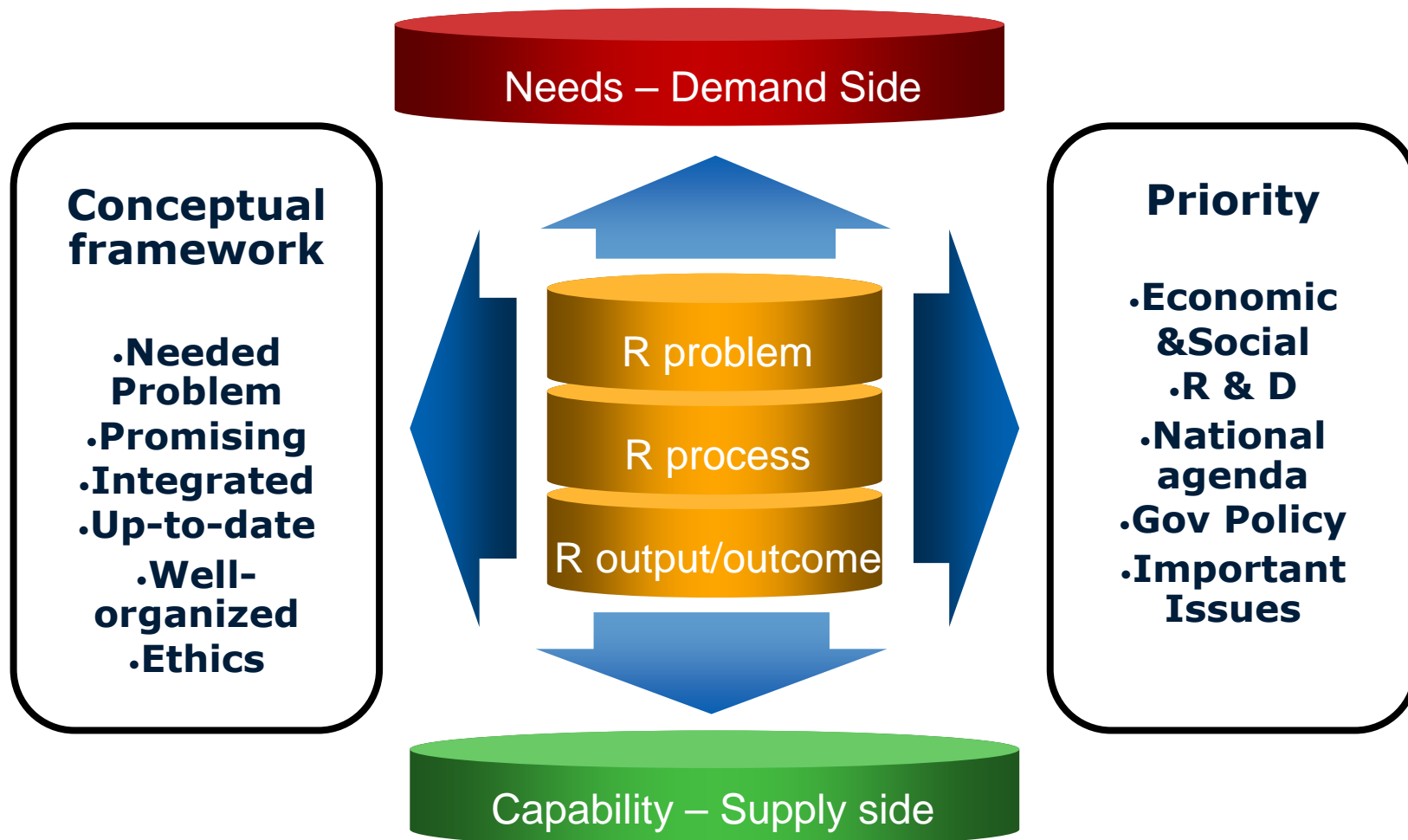
- **Peer reviewer for funding**
- **Technical committee – research monitoring**
- **Researchers training**
- **Committees : research award, invention**

Based on Related Experiences

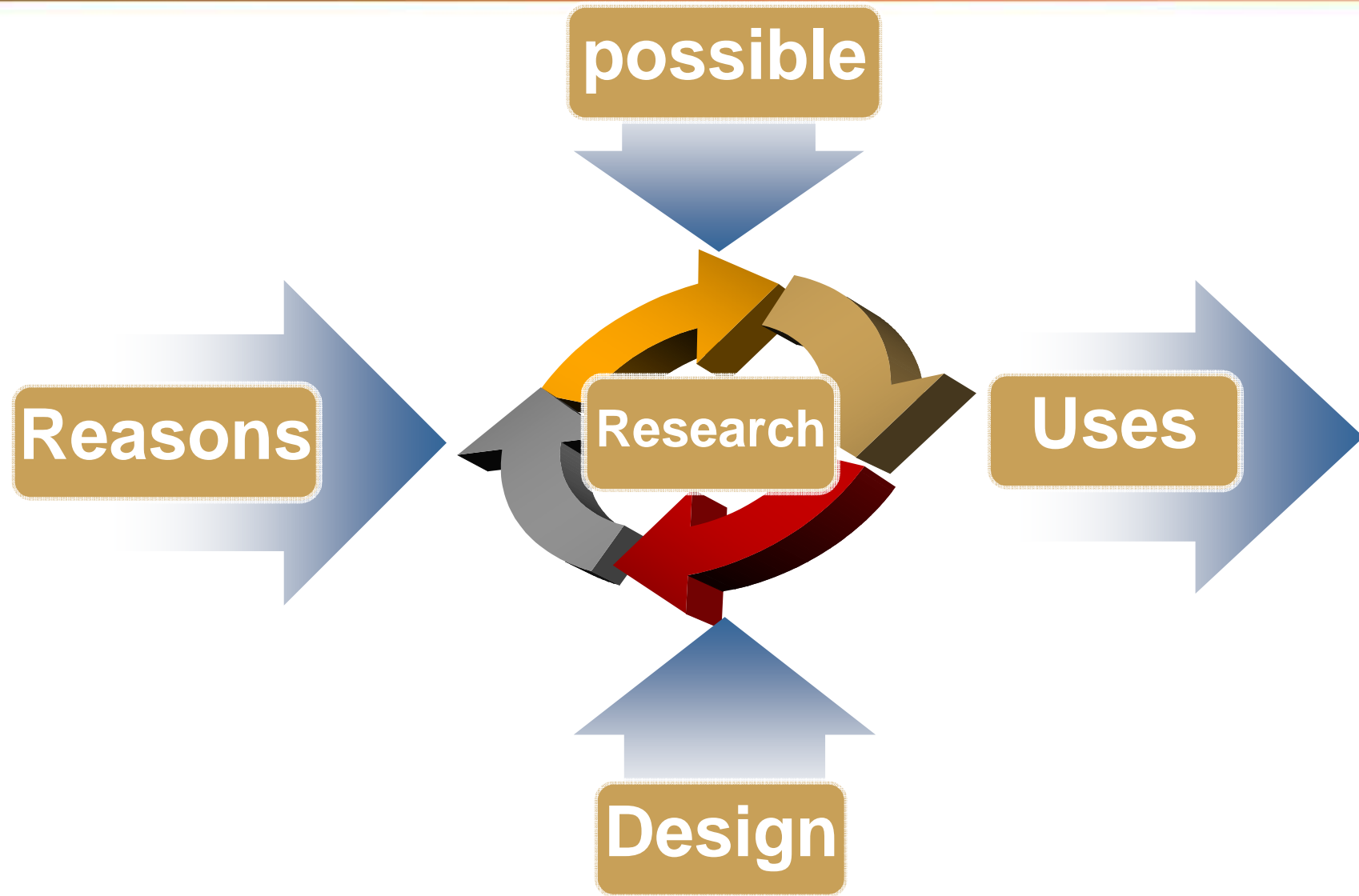
The development and steering of NRPM



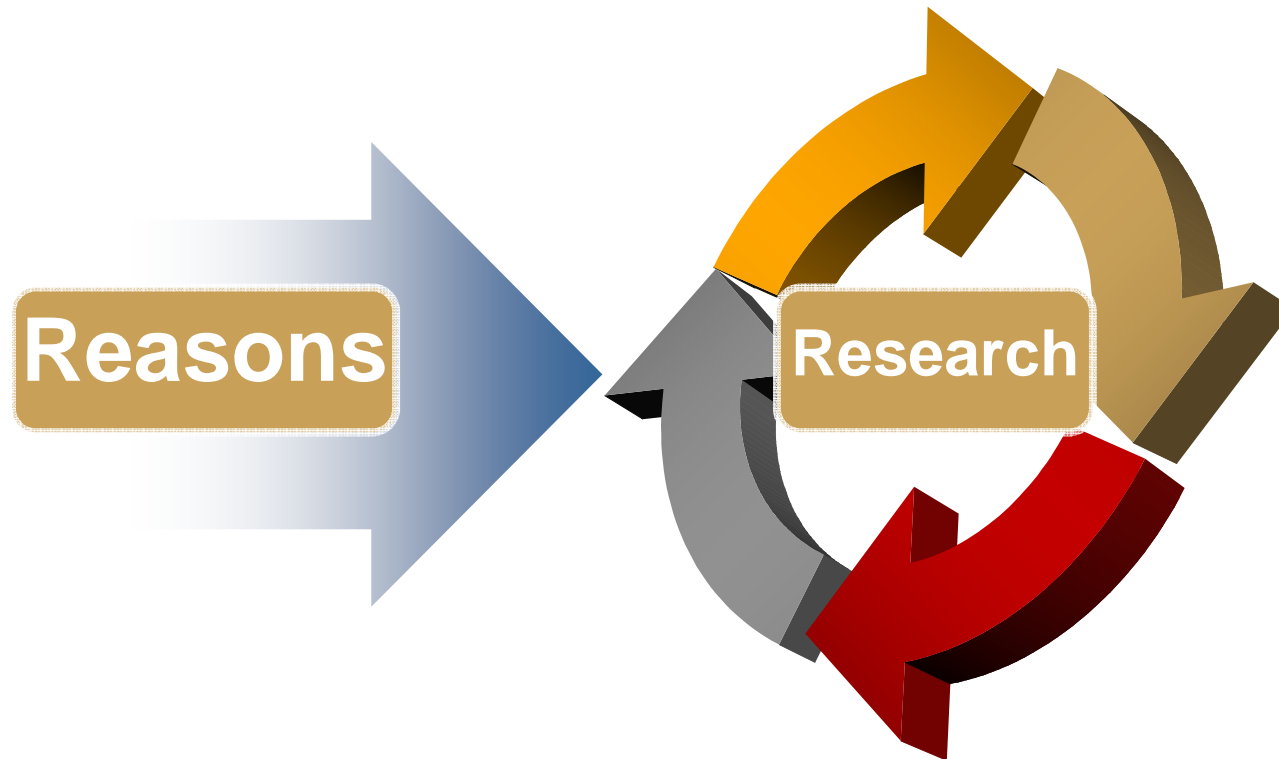
Research in need.



Keys : Overall picture is clear and concise.

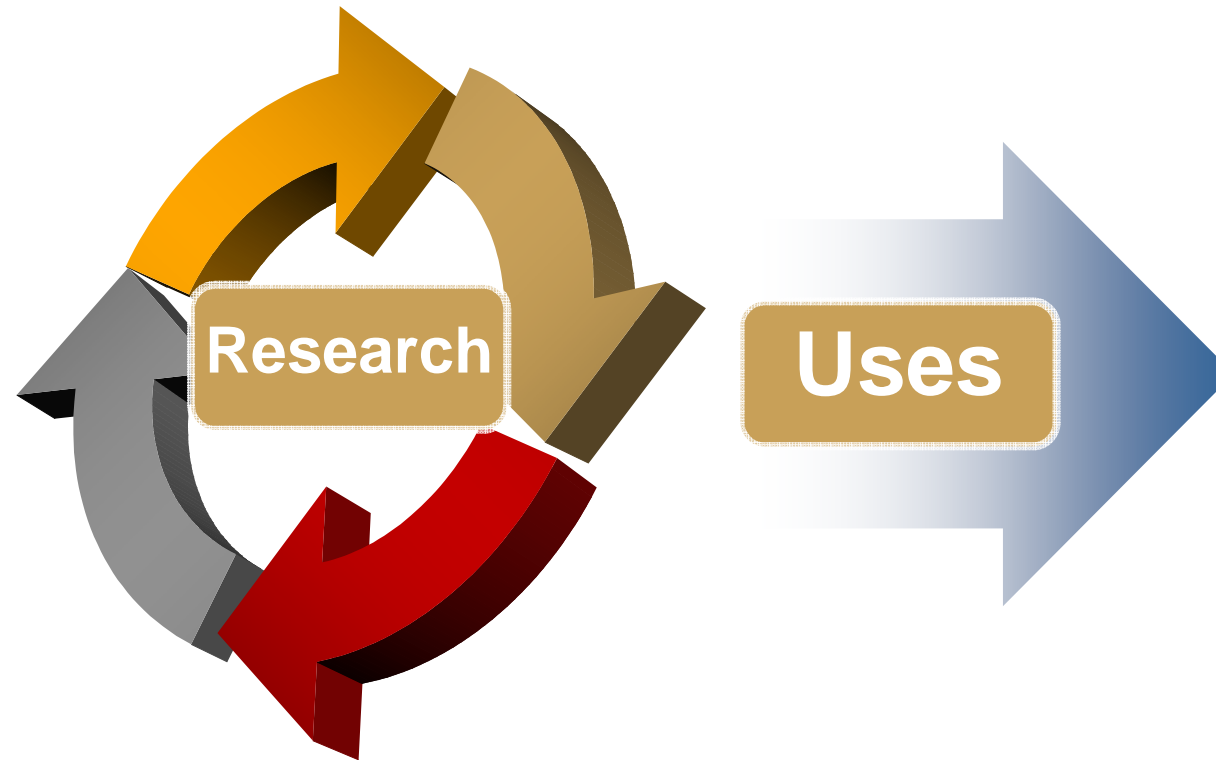


Key 1 : The research is (urgently) needed.



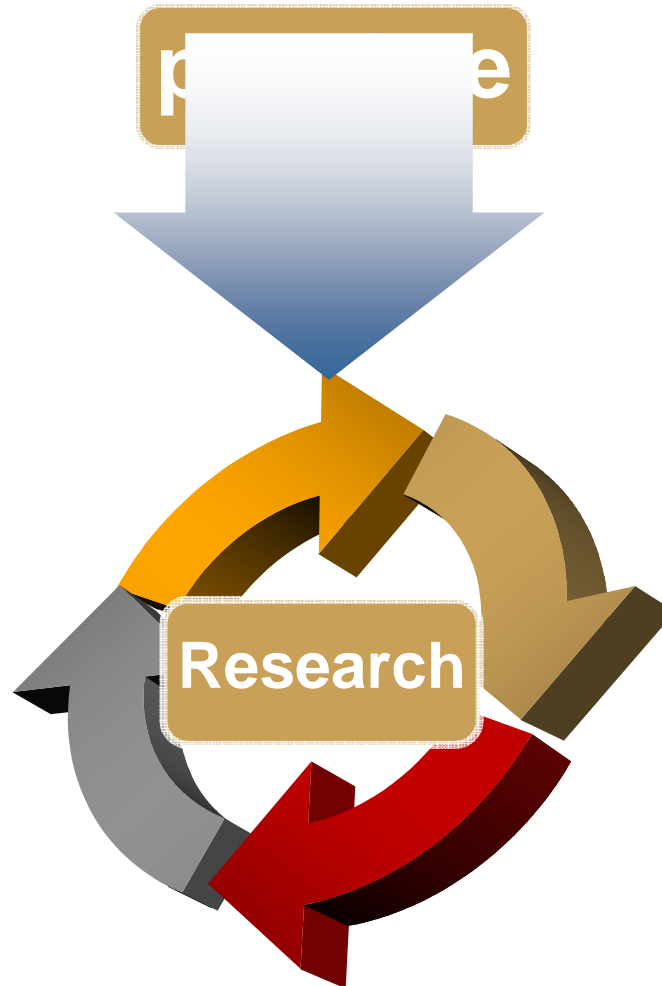
Good reasons why it is needed – should be with evidences.

Key 2 : The result is useful and applicable.



Identify clearly – the uses & users, stakeholders.

Key 3 : The proposal is achievable.



Capability of the research team, budget, plan are appropriate.

Key 4 : The research design is technically acceptable.



Concept, theory, framework, methodology – OK.

Key 1 : The research is (urgently) needed.



Conform to NESDB plan, NRCT policy, Gov. Policy.

<http://www.nesdb.go.th/>



The image shows a screenshot of a web browser displaying the homepage of the Office of the National Economic and Social Development Board (NESDB). The browser's address bar shows the URL <http://www.nesdb.go.th/>. The page features a blue header with the NESDB logo on the left and the text "สำนักงานคณะกรรมการพัฒนาการเศรษฐกิจและสังคมแห่งชาติ" and "Office of the National Economic and Social Development Board" on the right. Below the header, there is a section titled "NESDB Web Services" with a gear icon. This section contains five links: "การจัดทำแผนพัฒนา ฉบับที่ 11" (Planning of the 11th National Development Plan), "Summary of the Direction of the 11th National Development Plan", "ข่าวบอร์ดสภาพัฒนา NESDB Board News" (NESDB Board News), "แผนพัฒนาเศรษฐกิจและสังคมแห่งชาติ ฉบับที่ 1 - 10" (The National Economic and Social Development Plan (Thai Edition)), and "The National Economic and Social Development Plan (English Edition)".

<http://www.nrct.go.th/>

NRCT :: Office of the National Research...

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NRCT :: Office of the National Research...

นโยบายและยุทธศาสตร์การวิจัยของชาติ
(พ.ศ. 2551-2554)

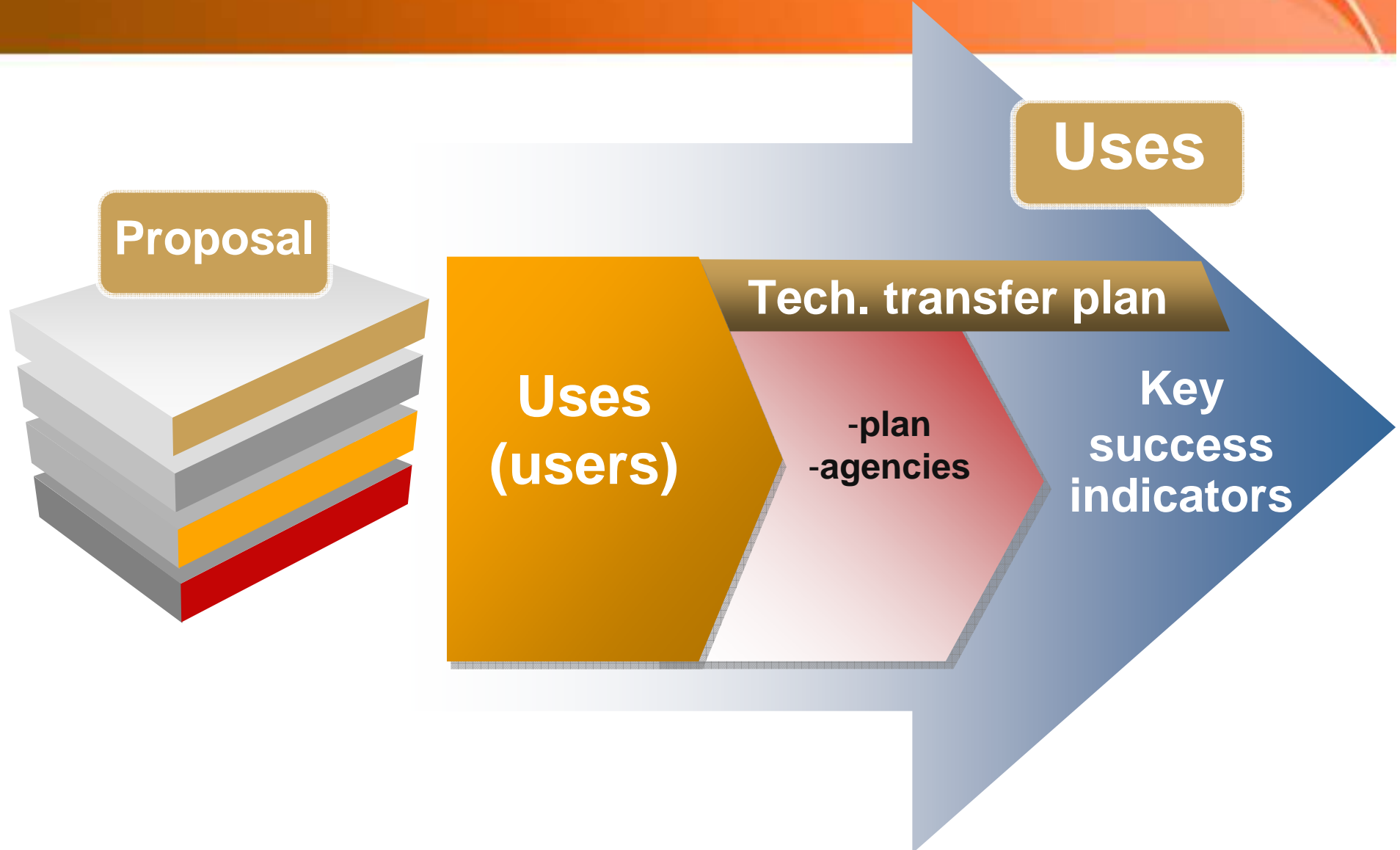
แผนแม่บท-ยุทธศาสตร์การวิจัยของชาติ
(พ.ศ. 2551-2554)

ร่างนโยบายและยุทธศาสตร์การวิจัยของชาติ ฉบับที่ 8 (พ.ศ. 2555-2559) และร่างยุทธศาสตร์การวิจัย (พ.ศ.2555-2559) 4 ภูมิภาค

<http://www.thaigov.go.th/>

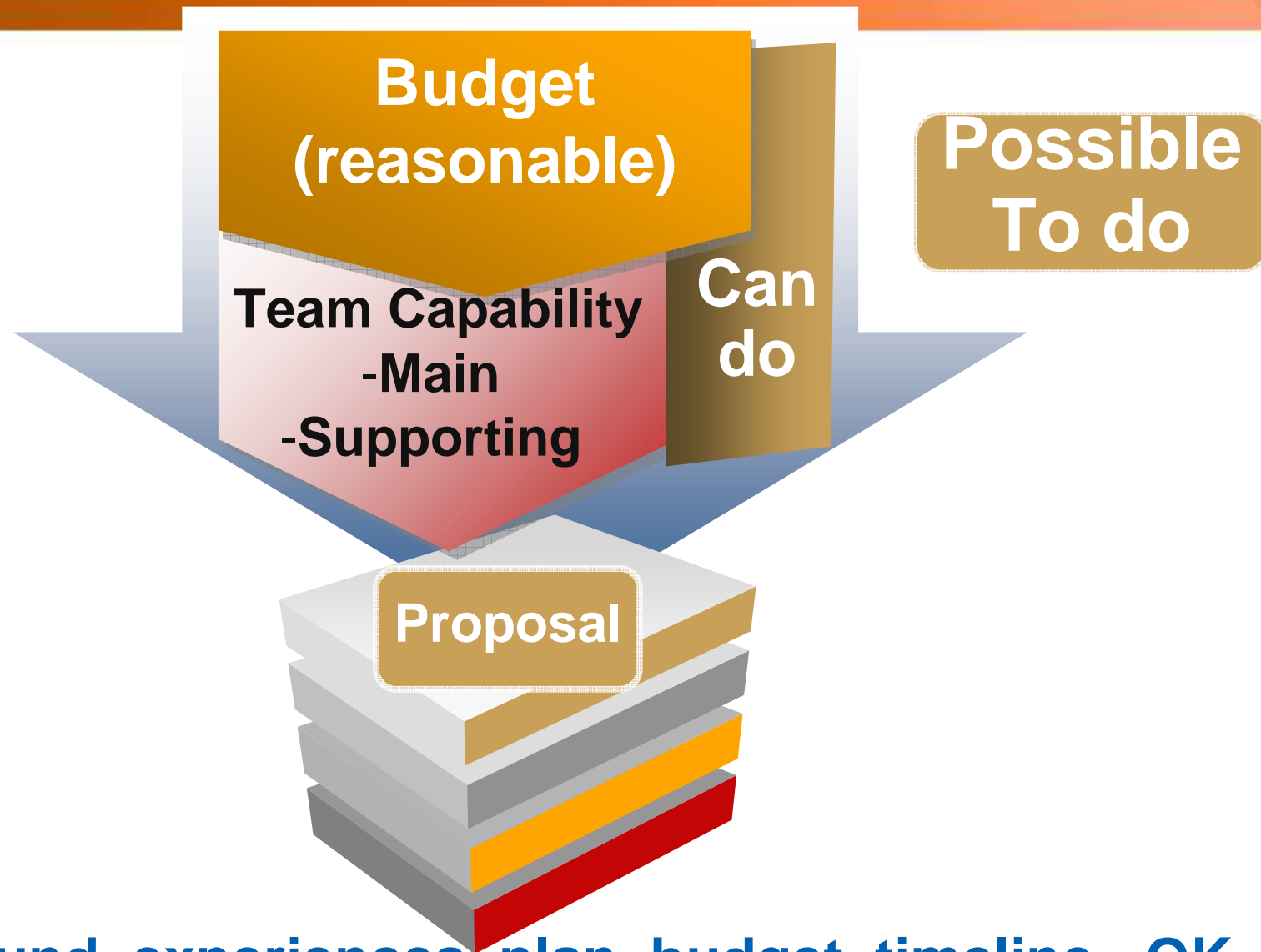


Key 2 : The result is useful and applicable.



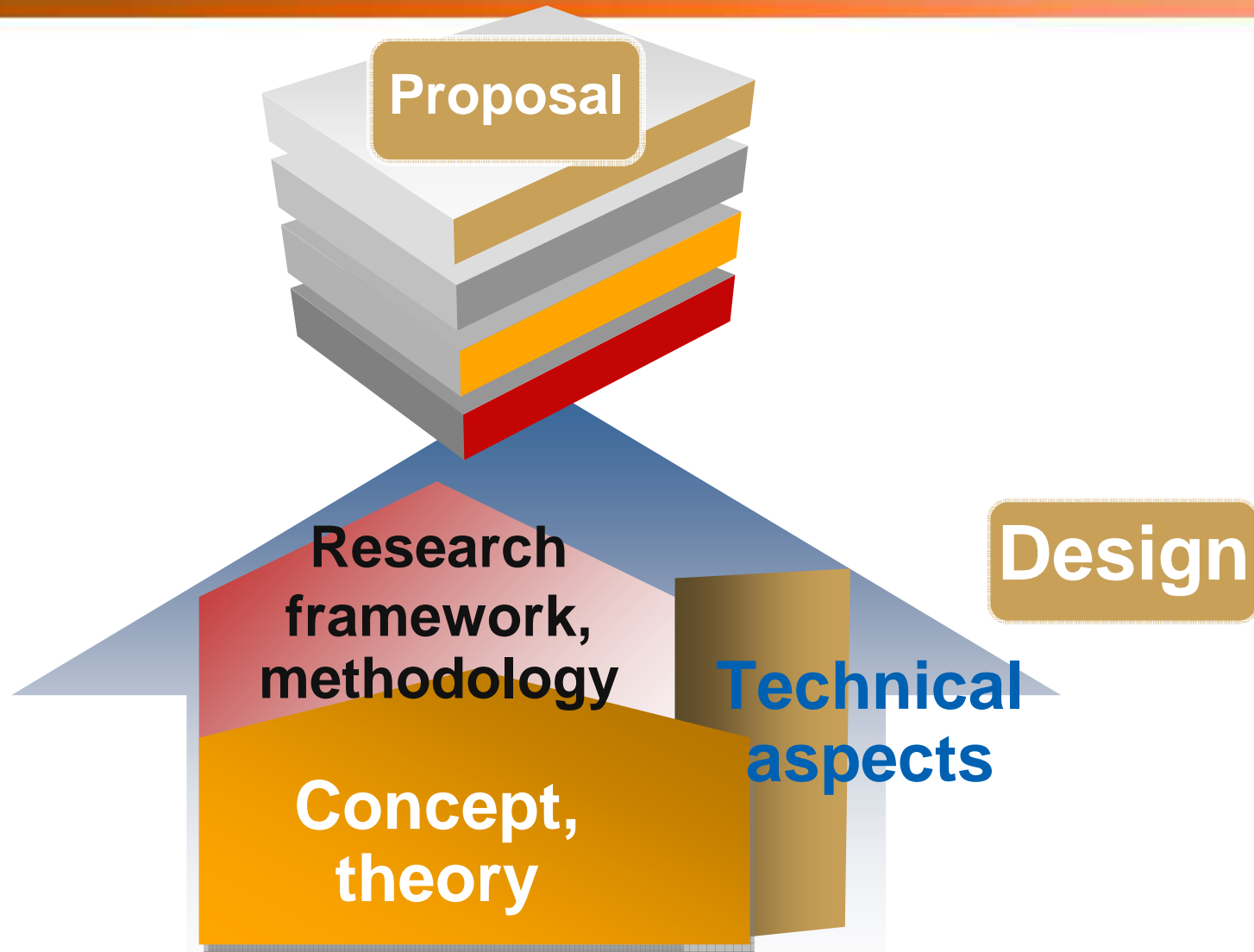
Clear uses or applications - immediately and later.

Key 3 : The proposal is achievable.

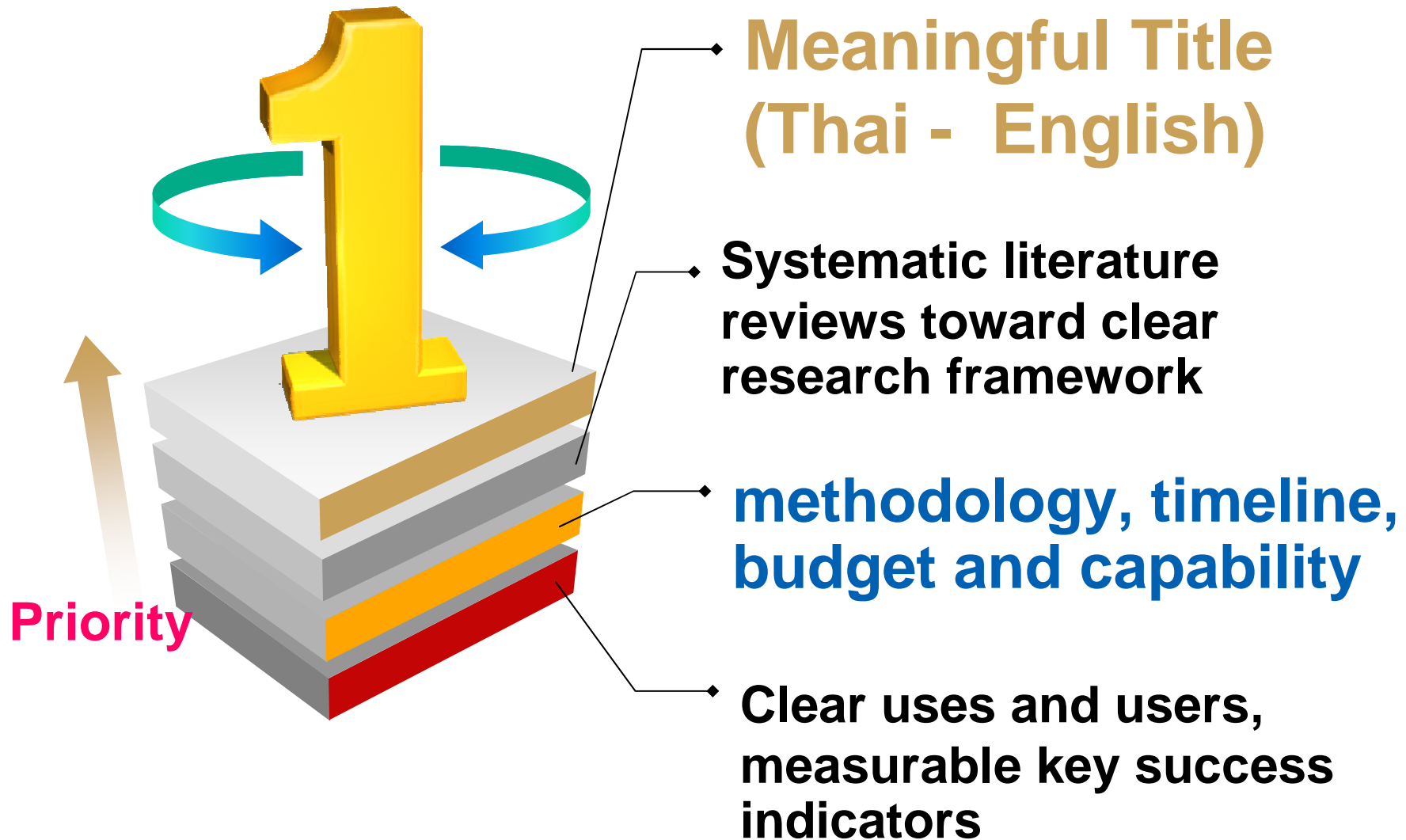


Background, experiences, plan, budget, timeline - OK

Key 4 : The research design is technically acceptable.



Keys : The research proposal is (urgently) needed.



Pre-Reviews your proposal!

**Make sure that
your proposal
communicate
clearly
to the main
stakeholders!**

Pre-Reviews your proposal!

1. Is it understandable?



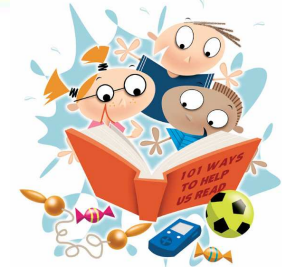
1.1 high-school students



1.2 users (target group)

Pre-Reviews your proposal!

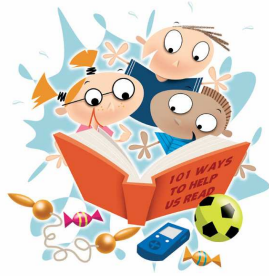
2. Is it technically clear?



2.1 Technical people in that field



2.2 Researchers (the ones who really know about research and statistics)



Pre-Reviews your proposal!

3. Is it correct and attractive?



3.1 Figures, number, budget



3.2 Arts - Presentation

Are you ready for it — armed with IT?



Be ready, make it your domain.

8 Habits for good Researchers!

1. Active : Wake up! Be Ready!

ตื่นตัว เตรียมพร้อม

**Search & save information, knowledge,
links for 10-50 interested topics.**

“Do important thing that is not urgent.”



2. Go Inter(net)

**Access to research resources via internet –
text books, journals, web sites of relevant
authorities. Learn more what you need!**

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FEATURED COURSE



United Space Alliance suit technician Joel Alvarado prepares Steve Bowen for flight. Photo courtesy of NASA.





3. Think Digital, Do Digital : Armed with ICT

**Apply Information technology to reach
resource persons (GURU) and keep
information in electronic forms.**

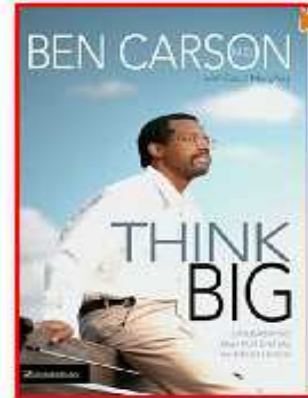


4. Give Some, Take Some - proactively

**Create your own blog, facebook, forum
and/or participate actively for the topics you
care for.**

5. Think Big : Think Global, Do Local

Pay attention to the main authorities – funding agencies. Think big but appropriate for your environment.



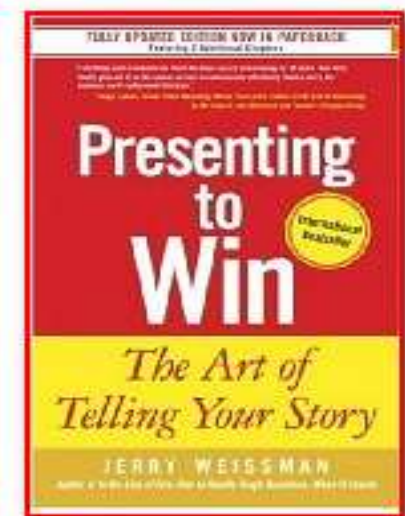
6. Build : Networking – Synergy (win-win)

**Open the opportunity to know new friends,
build up a network links – for the supports
you may need.**



7. Build : Presenting to Win

State of the Arts – not only know how to do research, but also know how to present your ideas & concept paper .




8. Build : Goodwill, Creditability

Think, speak and do good things in order to gain your creditability.



Address  <http://www.investorwords.com/2212/goodwill.html>

goodwill 

Definition

An **intangible asset** which provides a **competitive advantage**, such as a strong **brand**, **reputation**, or **high employee morale**. In an **acquisition**, goodwill appears on the **balance sheet** of the **acquirer** in the **amount** by which the **purchase price** exceeds the **net tangible assets** of the **acquired company**.

ดร.ธรรมชัย เชาว์ปรีชา

Dr. Thammachai Chaopreecha

081-829-0555

thammachai@gmail.com

Skype : ajarn.tham

Others: blogspot, twitter, facebook

