Vernacular\textsuperscript{1} Science
The Science of Delivery

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\textsuperscript{1}\textit{Vernacular}: spoken as one’s mother tongue, not learned or imposed; domestic and functional rather than public or monumental.
Motivation: How will this get better?
Science and the Enchanted

The Scientific Unknown

The Enchanted

The "Scientific" Known
New known
Global Science and Big Science

Scientists

Us

The Frontier
How will big science deliver?

Manisha and her family

Hirabai at her cookstove
The traditional
and what is needed
Hirabai’s cook-stove (chulha)
Tinkering with *chulhas*
Fifty years ago

The Great Unknown

H  C
The Great Unknown

The Frontier

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Where to begin?
Vernacular Science
Traditional Science and Vernacular Science

- **Theory**
  - theorise
  - predict
  - $Z$

- **Nature**
  - observe
  - $Y$

- **Scientist**
  - $X$

- **The Working Model**
  - Serve
  - Develop Outcomes

- **Local College**
  - Prepare
  - Analyse

- **College**
  - Serve
  - Analyse

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and the University

State/Corporations

The Working Model

Serve

Guide

Advise

Developments Outcomes

Society

Analyse

Faculty

Students

University

Civil Society
The Global Reachable

The Great Unknown

The Big Reachable
The Sustainable

The Great Unknown

The New Frontier

H
C
B
A

The Sustainable

The New Frontier
Science and the community
Thanks