

Regional Perspectives on Technology Transfer for Cottage and Small Industries (CSIs)

Aparat Mahakhant

Deputy Governor, R&D on Sustainable Development

Thailand Institute of Scientific and Technological Research (TISTR)

E-mail: aparat@tistr.or.th



Cottage & Small Industries (CSI) ~ One Tambon¹, One Product (OTOP)

Profile



OTOP Revenue in Mar. 2019² = 22,652 MB³



Food 10,374 MB⁴

Policies to Support

National Strategy Plan (20Yr.)	Strategy 2. Develop National Competitiveness
Master Plan	8: Economy development base on new age entrepreneurs & MSMEs
Integration Plan	Development of entrepreneurs & MSMEs to global business
Target Groups	<ul style="list-style-type: none"> • Start up • Micro • Small • Medium & high potential • Ecosystem
Indicator	Enhance entrepreneurs & MSMEs ability to run business



Home Decoration & Souvenir
4,941 MB



Cloth & Costume
4,189 MB



Beverage⁴
1,642 MB



Herbal⁴
1,504 MB

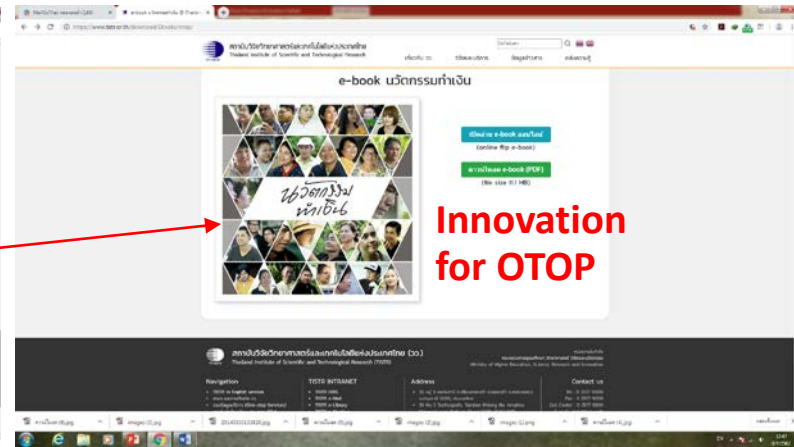
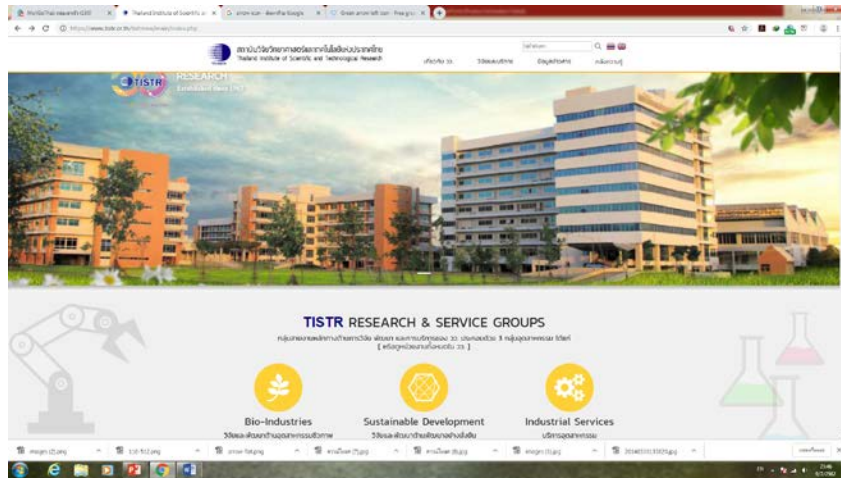
Main Sectors

¹Tambon = Sub-district

²Community Development Department

³1 USD ~ 30 Baht

⁴TISTR Expertise

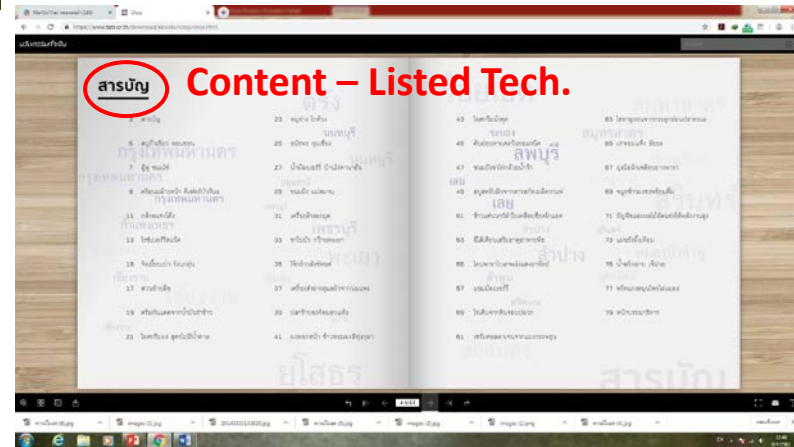


Tech. Selection for Matching by TISTR Website

OTOP on Board



Initiative to Support Technology Development/ Technology Transfer



Success Stories

Before



After



Rice Bar

Before



After



Crispy Mushroom Sheet



Rubber Coating Gloves

Before



After



Fruit Juice

After



Chili Paste Grinding Machine

Before



Banana Stick



“The Art of Tailored Made”

Critical Technical Support/Cooperation



MATCHING

Technology Matching

- Appropriate Tech. Available
- Ability to Absorb

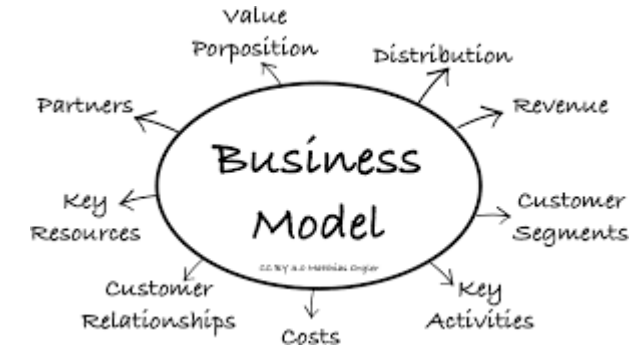


Financial support

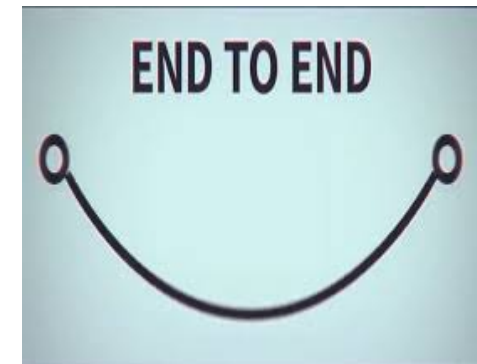
- Matching Fund
- Soft Loan
- Etc.



Market Diffusion Strategy



Business Model Suitable for culture & Market



End-to-End Network

"TISTR & Friends"



Thank you very much



Bhutan

Happiness is a place