



Commercialising University Intellectual Property for the Benefit of Society



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How can universities utilise their Research and **IP for the Benefit of **Society?****



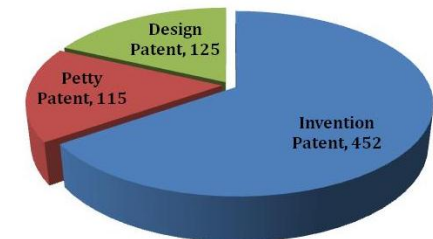


Chulalongkorn University Intellectual Property Institute



CUIPI was established since 1995 and acts as a main body for administering all University's intellectual property matters and innovations. Its responsibilities are

- × Raising IP awareness in the organization,
- × Promoting and facilitating IP protection,
- × Promoting and facilitating technology transfer of university's innovations and creations
- × Incubating new business start-up.





... How **R**esearch and/or **I**P contributes to **S**ociety ...



× **Economic Impacts**

- × generating new entrepreneurs
- × enhancing competitive advantages to business and industry



× **Social Impacts**

- × energy and environmental concerns
- × elderly well-being concerns





... How **R**esearch and/or **I**P contributes to **S**ociety ...



Enzyme **T**echnology + **C**hitin and **C**hitosan



Bio-substance to increase productivity of orchids and other agricultural products.



- × **ORCHID-80** is a natural bioelicitor, which promotes growth and defense response via stress manipulation.
 - × Promote growth and enhance rate of flowering
 - × Lengthen flower's stalk and increase flower's size
 - × Improve plant disease resistance





... How **R**esearch and/or **I**P contributes to **S**ociety ...



Aquanes **F**ish **A**naesthetic



- ✘ Use a natural extract of clove oil as an active ingredient. Clove oil has effects in sedating and immobilizing fish as well as inducing metabolism reduction.
- ✘ First fish anaesthetic being registered with the Ministry of Public Health's Thai Food and Drug Administration

Biogas **P**roduction **T**anks



- ✘ Develop new biogas production tanks that have a higher effectiveness for transforming organic waste into biogas and small amounts of wastewater.

