



Innovative IP Management and Licensing

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Research Technology Enterprise Initiative

Innovation in research innovation



Research acceleration

Commons development

New inquiry

IP strategies



Rosetta Commons

Design and prediction of protein structures

Currently 16 organization members

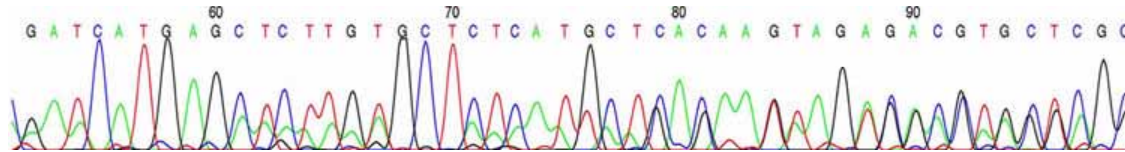
Investigator + resources + institution

Institutions transfer governance to Commons

IP in Commons managed by steward institution

IP outside Commons with each member

Licensing funds reinvested in Commons



Phrap

Software for assembling DNA sequence data

Software algorithms published in the scientific literature

Implementations free to academics (email request)

Site licensed to industry for small (\leq \$5K) fees

Annual option to updates and access to lab expertise

Option to enterprise-wide and distribution

2 hour transaction time for license

\$5m+ in 6 years, most reinvested in lab work



Patent license typology for “some rights reserved”

Open innovation

Aim to create a remix culture for environmental inventions

Led by industry focused on sustainability

Like Creative Commons

Uses semi-structured licenses

Revenue generating model

Open3DP (open 3D printing)

an open 3D printing forum



Recipes

Uncategorized

Manifesto

3D printing methods driven by art

Publication of recipes direct to practice community

First open recipe for 3D printed ceramics

First recipe for 3D printed glass

Use visibility to create collaborations

Collaborations lead to new research opportunities

Collaborations lead to company inquiries

NIPIA based (Non-IP Intangible Assets)

DiDB

Drug interaction database



Build something companies cannot do for themselves
Independent assessment for validation and modeling
Developed with donations, converting to services
Reinvest revenues in science and maintenance
Subscription model for practical application

PCT Commons (concept)

Proton computed tomography for therapy planning

Built around complementary work at 8 universities

Use custom social media as engine (Second Life)

Focus on data sharing, models, demonstrations

Work in parallel to build 4 collaboration communities

Research Transfer

Translation Practice

Make the virtual research location “always on”

Regional Make-Use Commons (concept)

A TBED tool for rapid uptake of opportunity

Value = Commons Rights + Commercial Rights

Commons rights develop rather than distract

Public license plus membership registration for options

“Free to practice” in a region, “some rights reserved”

Use = success

Externalities drive membership interest

SERA (concept)

Strategic engineering research accelerator

Intermediary organization, external to host

Use engineering as design nexus

Design as value proposition of knowledge economy

Provide remix IP services for industry and universities

Proof of design concepts as platforms

Role independent research institutes can play