

How open ecosystems grow with APIs

WIPO API Day

Mark Boyd
Founder/Director

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Platformable Team



**Mark
Boyd**

DIRECTOR



**Laureano
Pasina**

PRODUCT MANAGER



**Alexei
Garban**

LEAD DEVELOPER



**Rebeca
Vittorazo**

LEAD DESIGNER



**Leon
Cangini**

JUNIOR DEVELOPER



**Mariana
Velázquez**

ANALYST



**Spencer
Perkins**

ANALYST

Platformable
supports the
development
of open
ecosystems



What we will cover in the next 15 ⌚ minutes

01 What are we talking about when we are talking about open ecosystems?

02 **How value flows in open ecosystems**
Examples from open banking and open health

03 **What we know about what works with open ecosystems**
And how this could be applied to the IP sector



Why open ecosystems?

Enable faster innovation, especially to solve ‘wicked problems’

Build on current paradigms in digital transformation where businesses/organisations become platforms that offer components* that can be reused to create digital products and services (more offerings and more customisation than one organisation can offer)

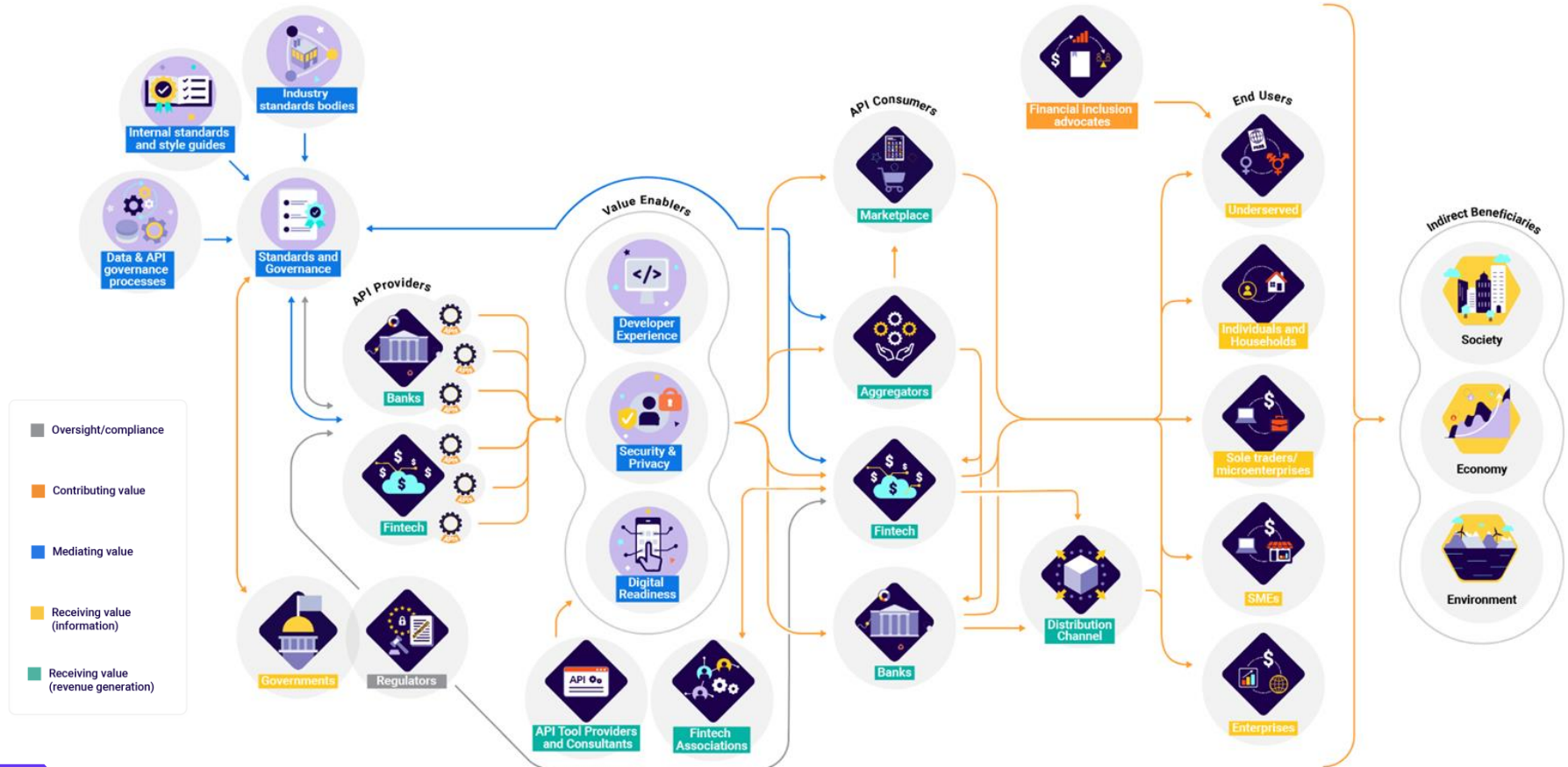
* Services or data

Departments and governments can reduce costs by sharing data and services across systems



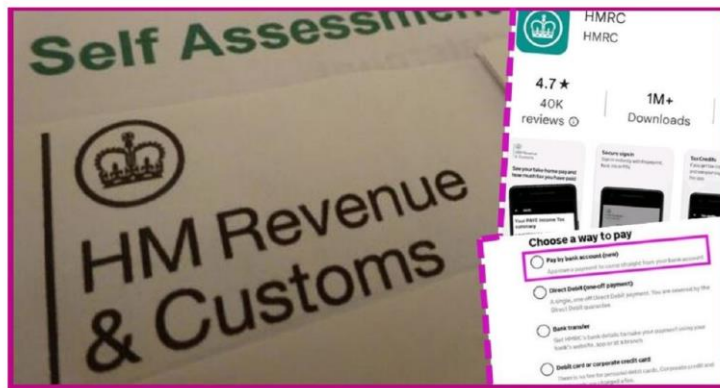
How does value flow in an open banking/open finance ecosystem?

The finance world was re-created by UK and Europe's Second Payments Services Directive (PSD2) leadership



HMRC completes open banking rollout and sets out new priorities

By Ian Hall - February 15, 2023, 2:52 pm



HMRC: (clockwise from top left) self-assessment tax payments; the HMRC app; and the 'Pay by bank account' option (button) as visible to people when they go online to pay tax | Global Government Fintech

HM Revenue & Customs (HMRC) has completed its rollout of open banking across all tax payment types capable of supporting it – and set out its next priorities as it looks to further integrate open banking technology into its services.

<https://www.globalgovernmentfintech.com/hmrc-completes-open-banking-rollout-and-sets-out-new-priorities/>

Buscar

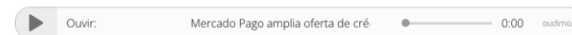
Valor **investe** | Crédito

Mercado Pago amplia oferta de crédito para seus vendedores e clientes do Mercado Livre

Empreendedores poderão solicitar uma linha de crédito para apoiar crescimento dos negócios. Com o Open Banking, vendedores poderão levar suas informações para ter acesso a melhores condições e taxas

Por Naiara Bertão, Valo Investe — São Paulo

20/08/2021 06h50 · Atualizado há um ano



O Mercado Pago, braço financeiro do Mercado Livre, começou a disponibilizar aos vendedores do marketplace linha de crédito que pode ser acessada pelo desktop ou

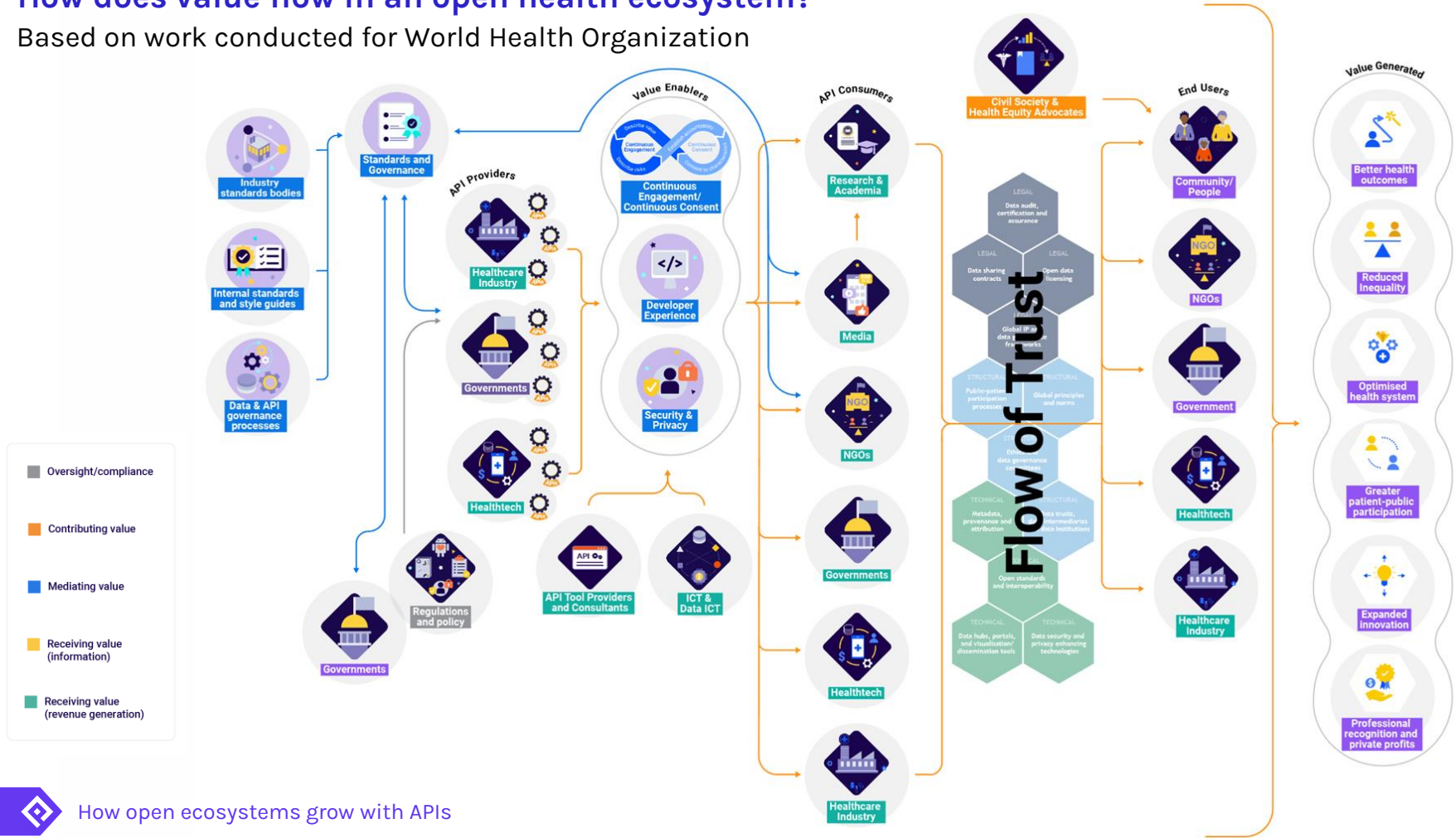


<https://valorinveste.globo.com/produtos/credito/noticia/2021/08/20/mercado-pago-amplia-oferta-de-credito-para-seus-vendedores-e-clientes-do-mercado-livre.ghtml>



How does value flow in an open health ecosystem?

Based on work conducted for World Health Organization





RetinaRisk API

The RetinaRisk API enables access to our clinically validated algorithm for hospitals, clinics, diabetes platforms, pharmaceuticals and health insurers in order to streamline eye screening, identify high-risk patients and provide more personalized care.

The API easily connects to your IT systems to facilitate risk stratification of diabetic patients, based on required risk factors. High-risk patients will be called in first for eye screening, enhancing the clinical safety of those patients, while low-risk patients may come less frequently, without compromising their clinical safety.



About Products FAQ Blog Contact Us

Connect to our developer portal!

Start exploring our API with ease at no cost

Visit the developer portal



Easy

The RetinaRisk API is easy to integrate and we offer support for every client.



Fast

The RetinaRisk API returns your calculation results in seconds from anywhere in the world.



Reliable

With 99.95% uptime, the RetinaRisk API is among the most reliable in the business.

<https://www.retinarisk.com/api/>

HUMAN API

Platform Use Cases Data Network Resources About REQUEST INFO

- Insurance Underwriting Transformation
- Insurance Distribution Optimization
- Real-Time Health Identity Management
- Clinical Trial Recruitment
- Digital Health & Wellness
- Health Plans Member Engagement

Turning health data into health intelligence

Consumer-driven platform enabling companies to build better services and products for people.

LEARN MORE



One network, every health data source.



Epic veradigm commonwealth KONZA

The Human API platform connects to 30,000+ data sources in the U.S. - including EHR networks, HIEs, hospitals, clinics, patient portals, pharmacies, and labs - to provide unified health data access for over 270 million lives.

National Clinical Data Network.

We created a real-time clinical data network in the U.S. so people can easily access their health data and share it with the companies they trust.

COVERS

270M+

Humans

COVERS

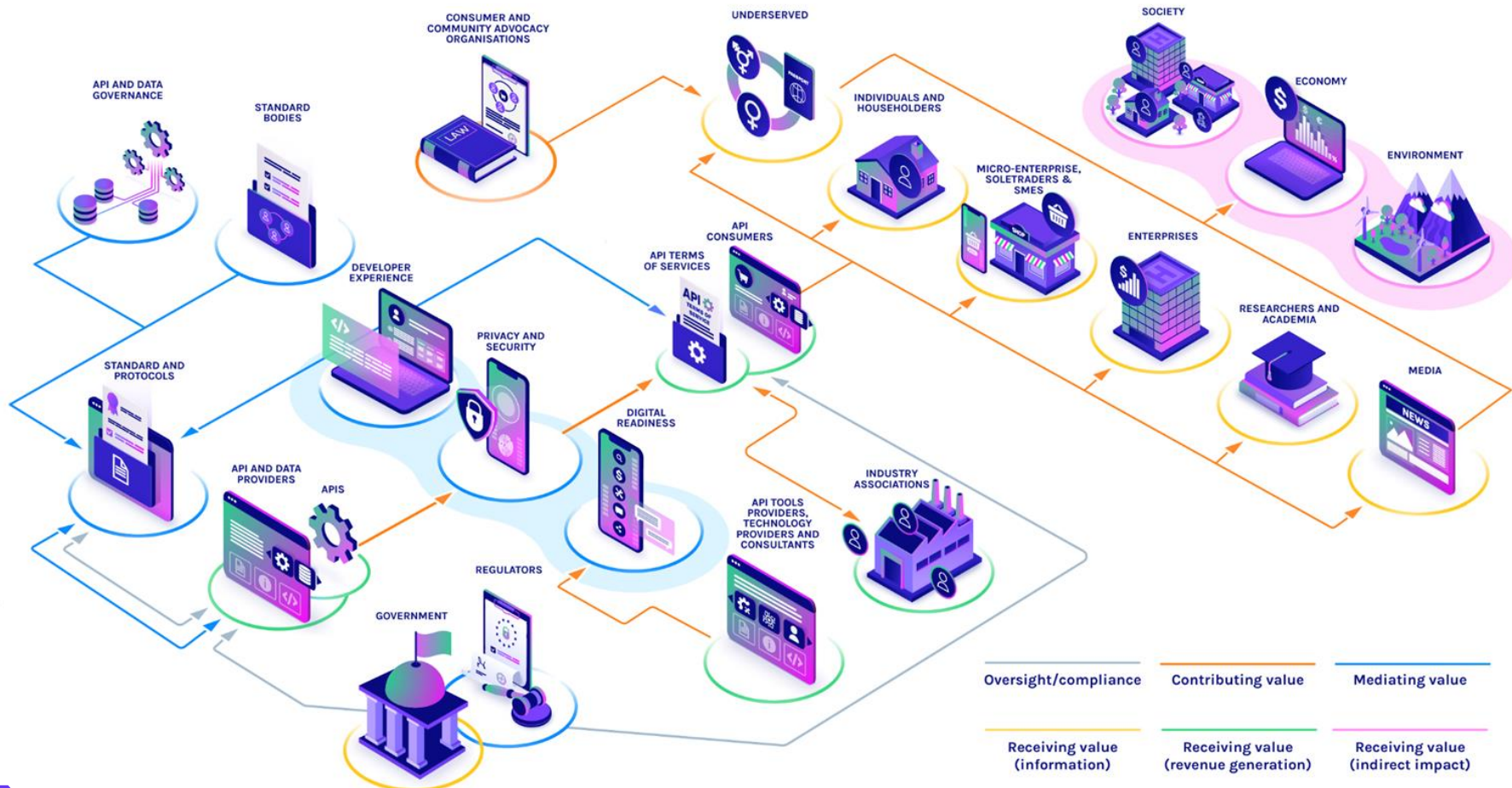
30,000

Data sources

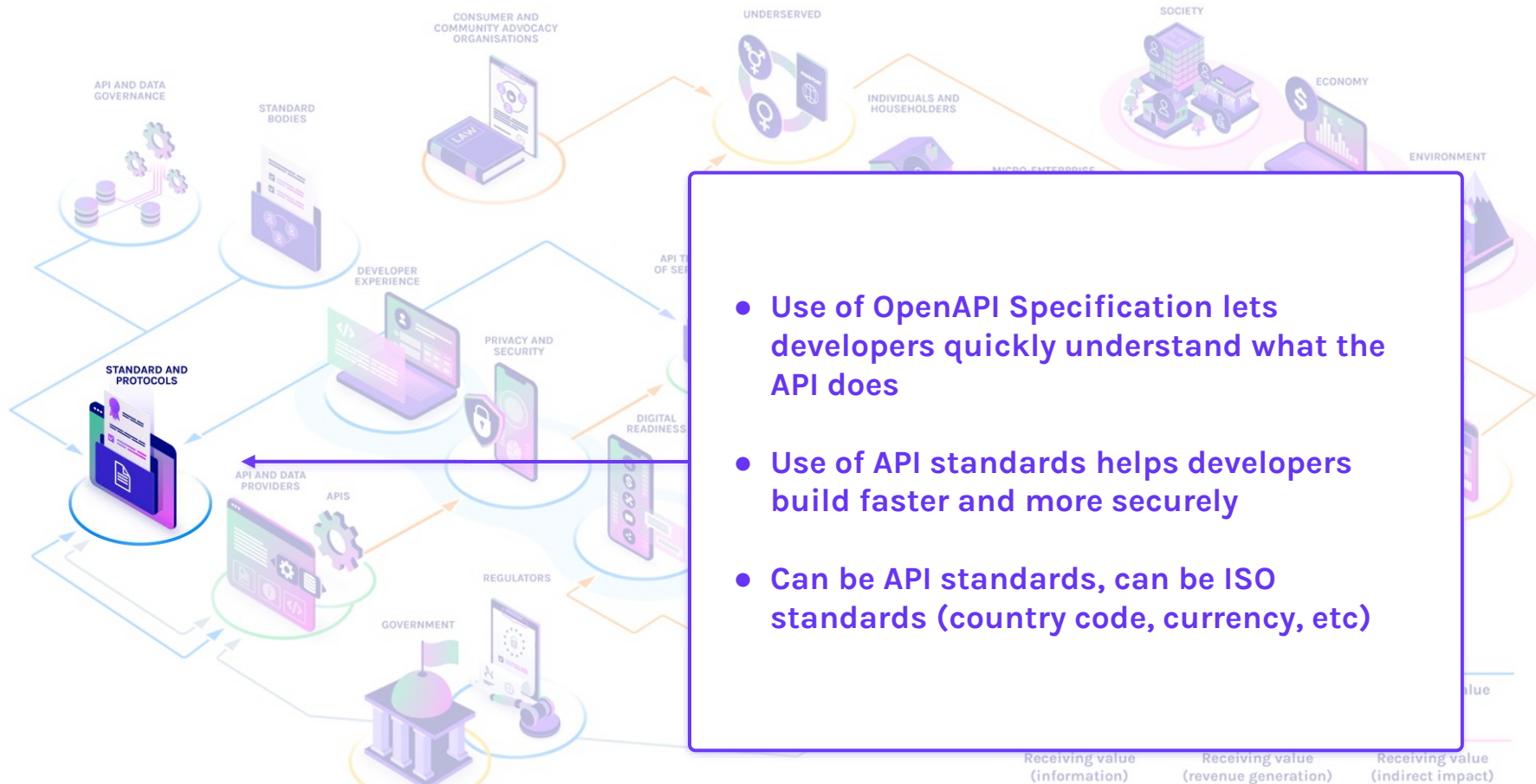
<https://www.humanapi.co/>



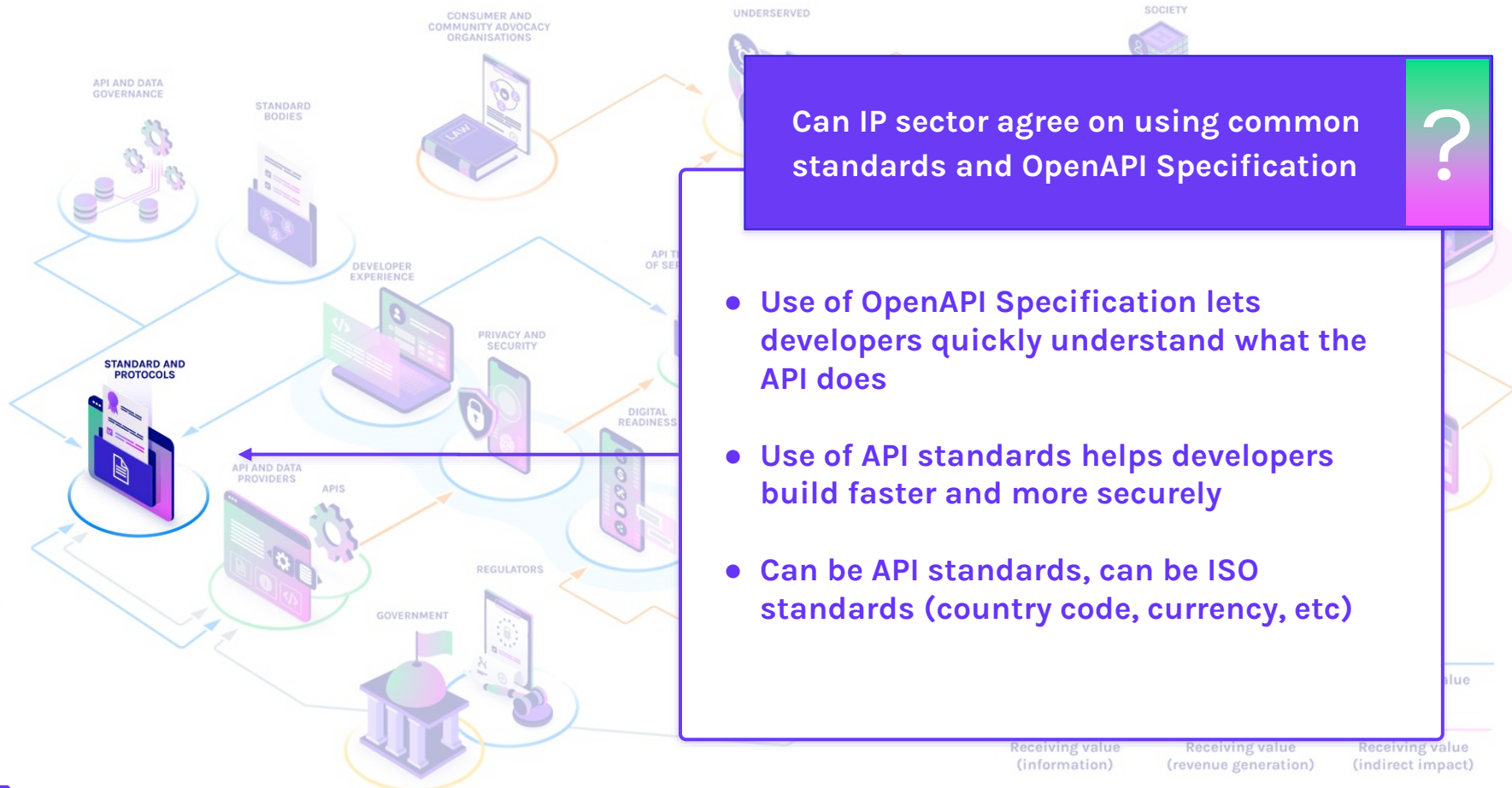
How is value generated and distributed amongst stakeholders in an open ecosystem?



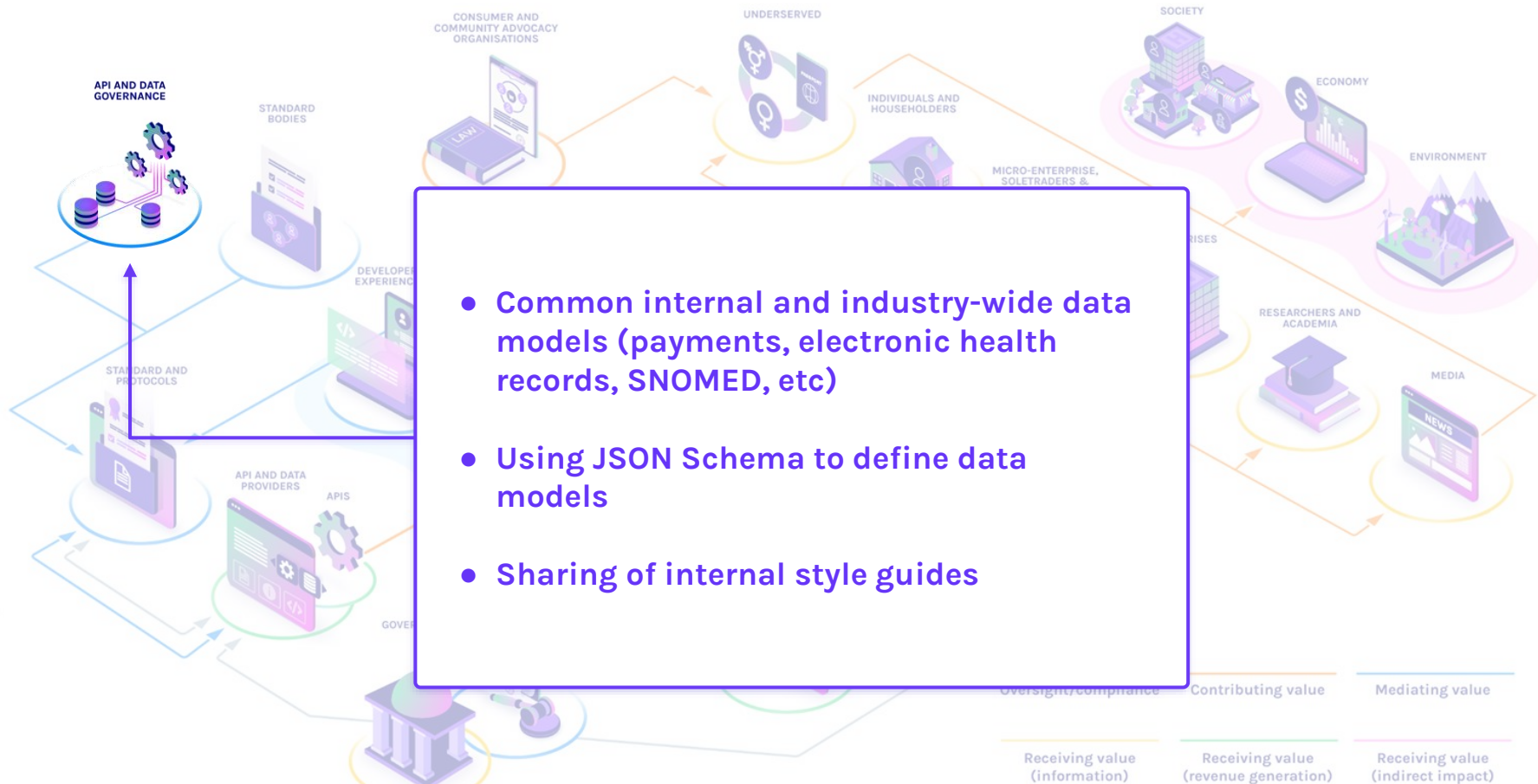
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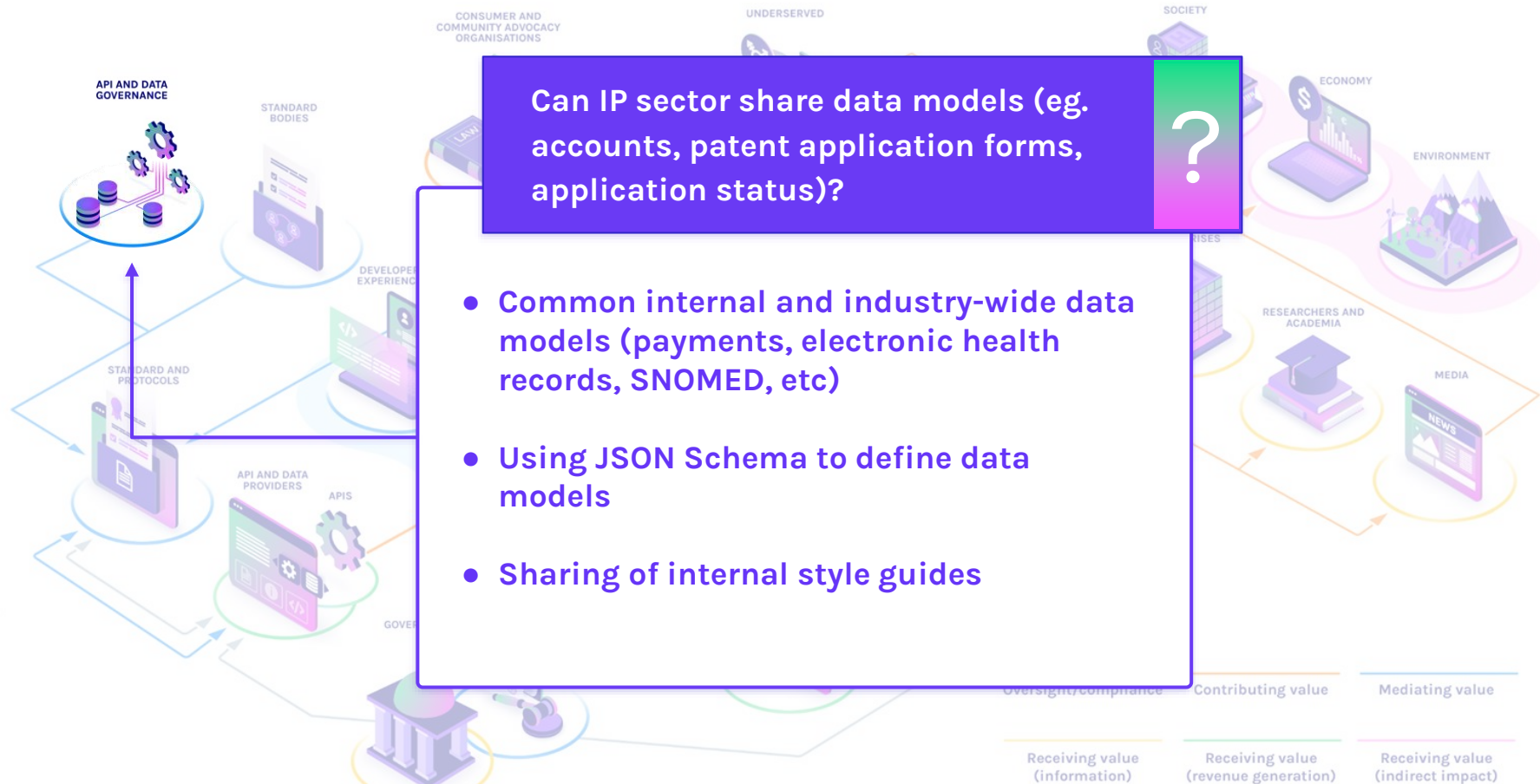
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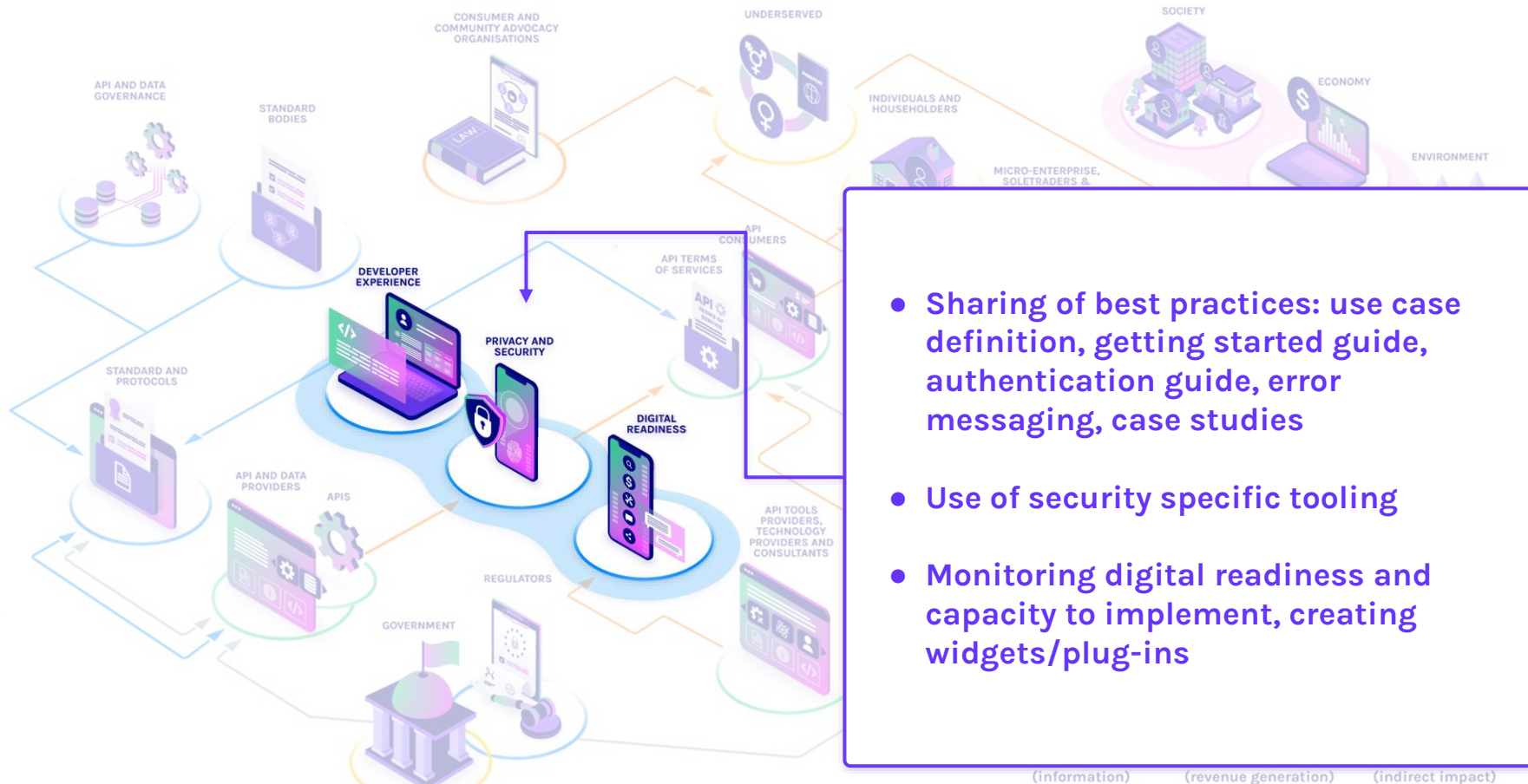
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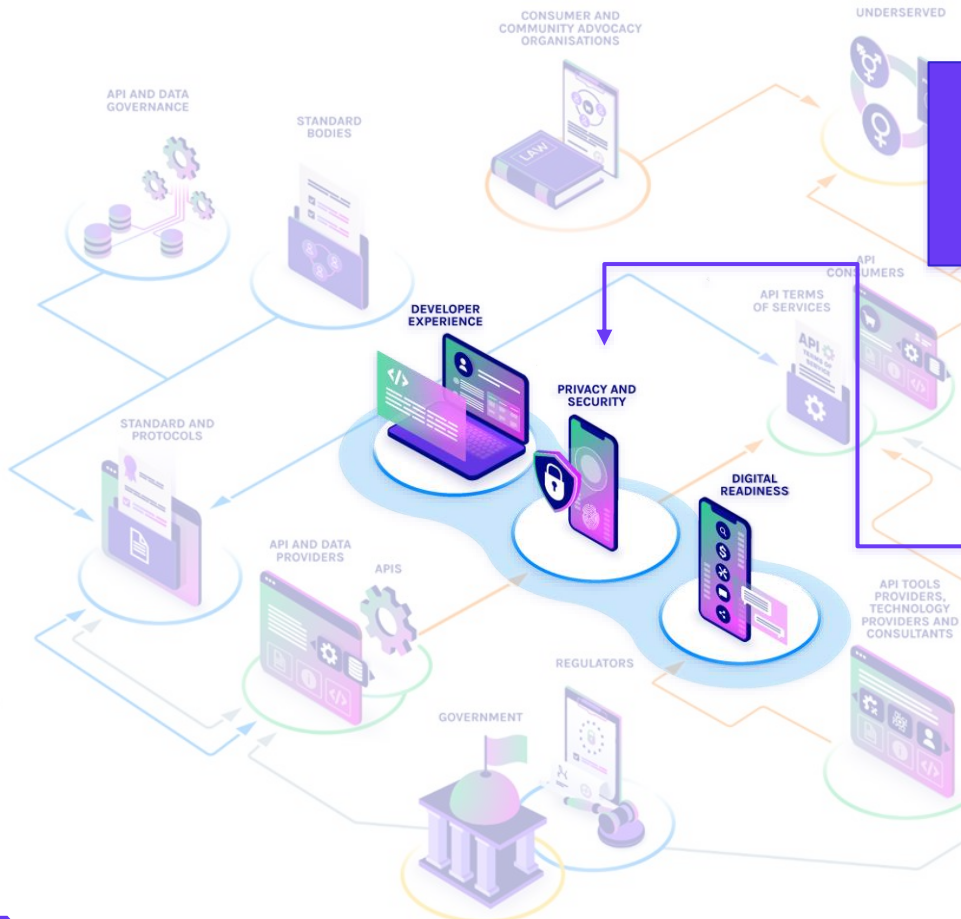
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Events like WIPO API Day!
How to maintain those connections
after these two days?



- Sharing of best practices: use case definition, getting started guide, authentication guide, error messaging, case studies
- Use of security specific tooling
- Monitoring digital readiness and capacity to implement, creating widgets/plug-ins

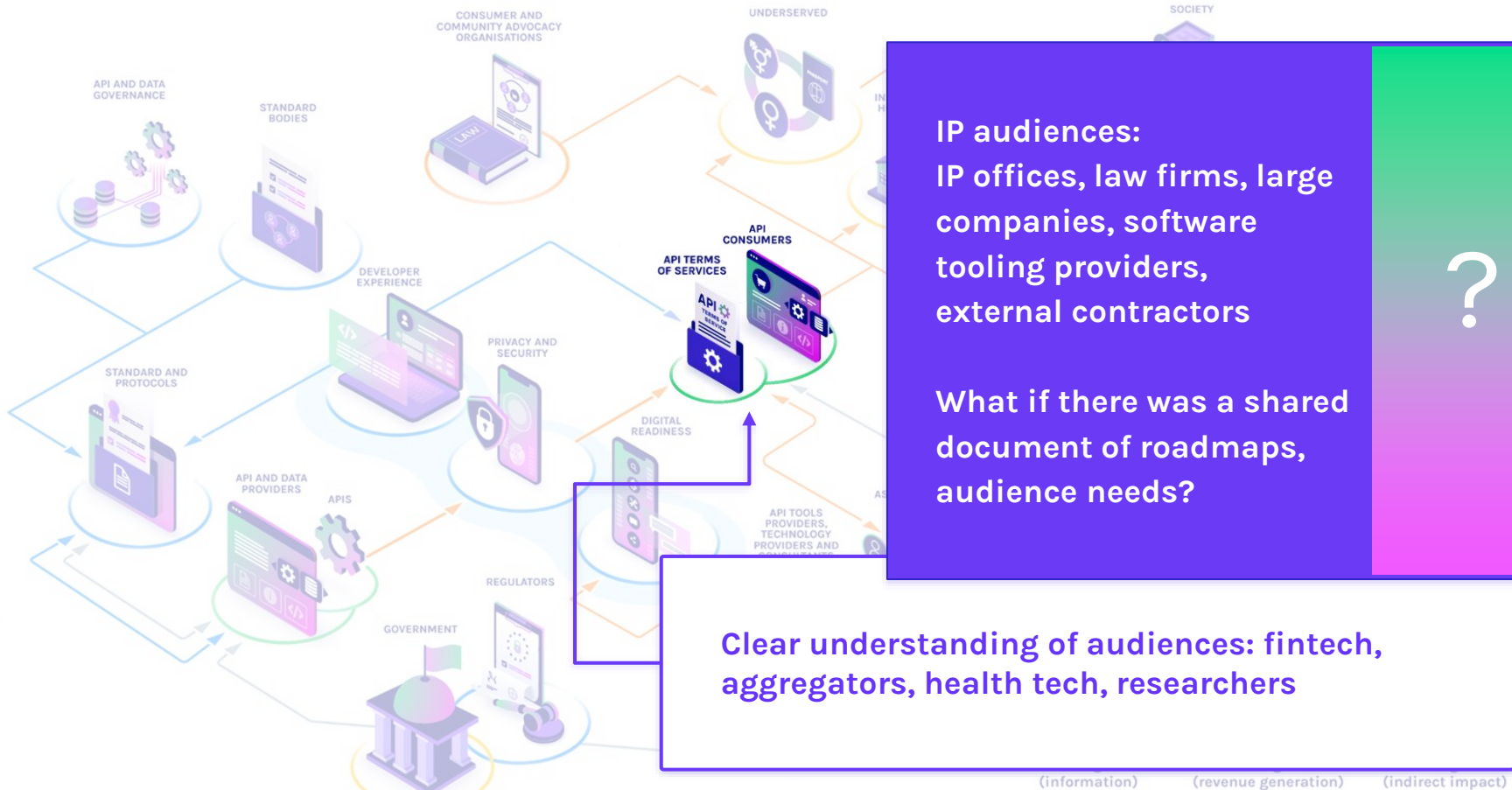
(information) (revenue generation) (indirect impact)



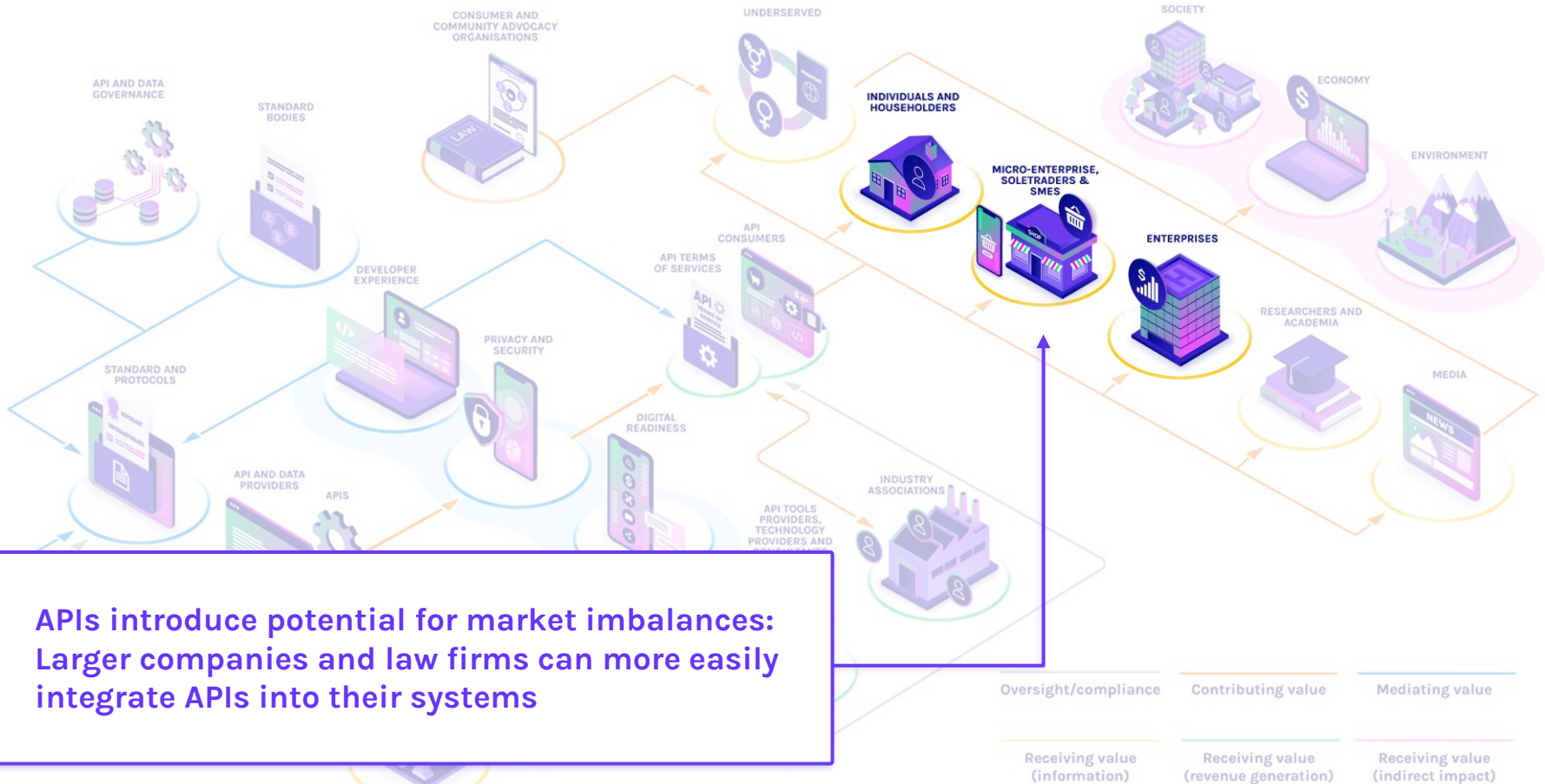
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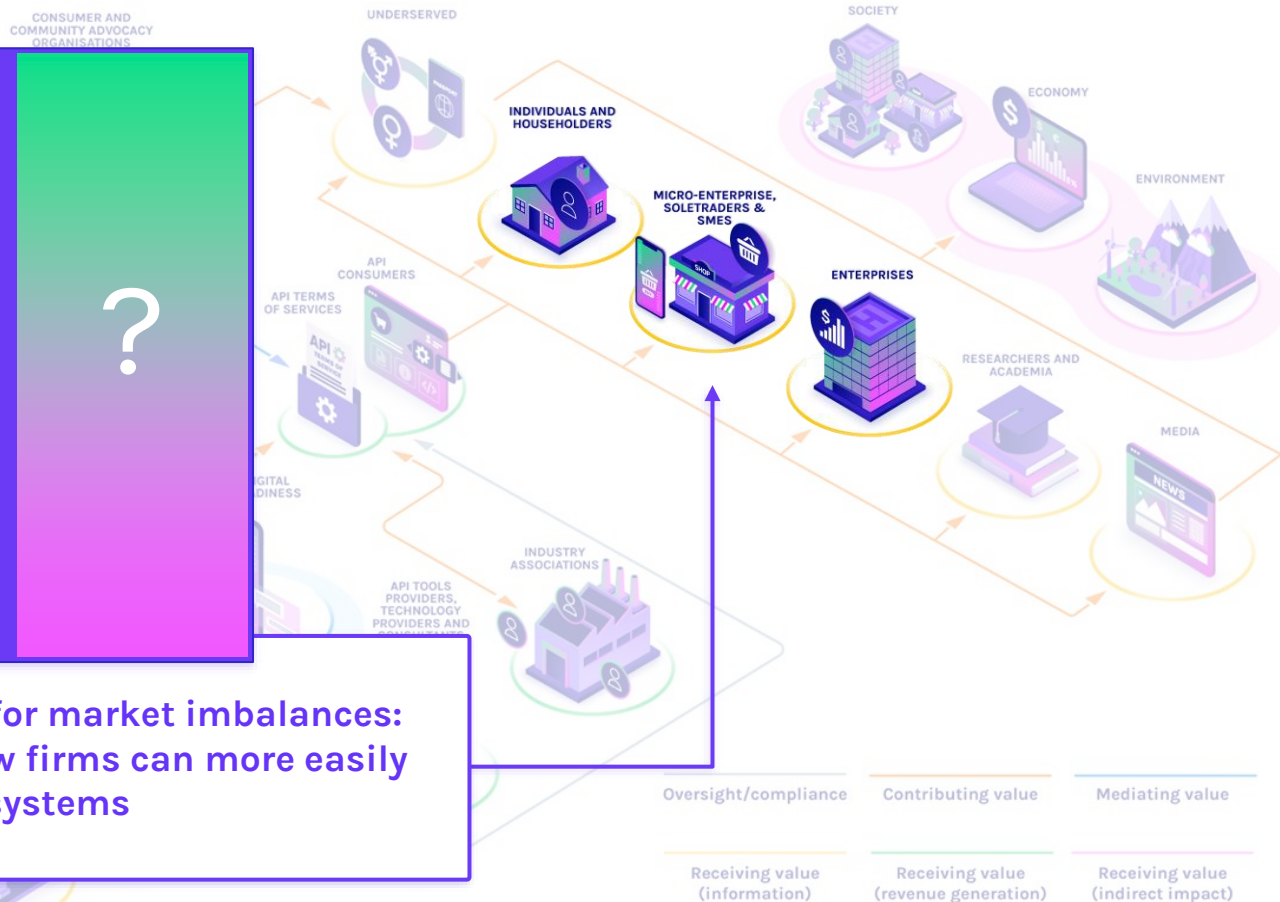
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How does the IP sector collectively track and monitor this inequity risk?

APIs for low and middle income countries, APIs for startup software providers? APIs for vision-impaired tooling



APIs introduce potential for market imbalances: Larger companies and law firms can more easily integrate APIs into their systems



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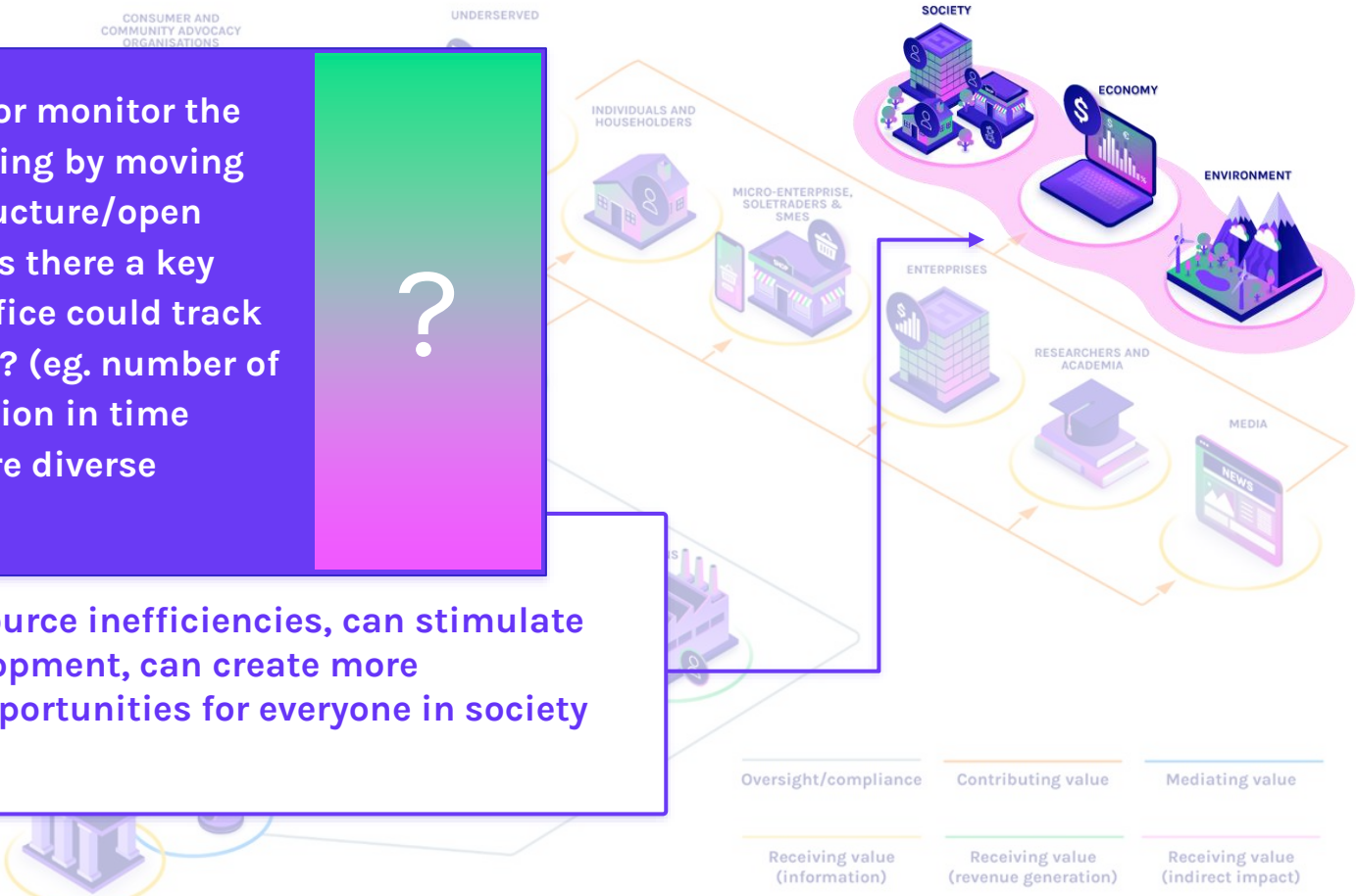


How is value generated and distributed amongst stakeholders in an open ecosystem?

How can the IP sector monitor the impact it is generating by moving to a digital infrastructure/open ecosystem model? Is there a key indicator each IP office could track in these three areas? (eg. number of new patents, reduction in time spent applying, more diverse innovators)

?

APIs reduce resource inefficiencies, can stimulate economic development, can create more participatory opportunities for everyone in society



Thankyou

Let's stay in touch

mark@platformable.com

