



SINSO-BOX

基于Chia的分布式医疗保险慈善平台

Distributed medical insurance and charity platform based on Chia

SINSO Project —Filecoin frontier accelerator Global Top11



去中心化医疗基础设施
Decentralized medical infrastructure



SINSO团队成立于2020年11月，SINSO前身探索医疗区块链领域起步于2015年；SINSO是去中心化医疗基础设施架构，起步于Filecoin生态，总部在新加坡；

获得的奖励：

Filecoin全球第一届加速营，全球Top11 Filecoin grant (2021.02)

Crust Ggrant (2021, 06)

Sinso的医疗大数据产品DicomNetwork已经进入万向黑客松决赛；（2021.08）

SINSO技术团队前身获得的荣誉：

1、第一批以太坊星火节点搭建者，以太坊最早的编程认证；（2016）

2、EOS黑客松冠军；（2018）

3、区块链医疗保险解决方案奖；（2019）

SINSO目前有100个多个矿工支持社区，大约已经存储了40多家医疗机构的数据；8万多名相关的医生资源，300多家医疗合作机构、合规医疗牌照伙伴资源；及海外的合规落地的伙伴资源。

我们和知名的一些研究机构和创业团队合作成立了医疗开源社区Web3medical labs, www.web3med.io;



SINSO's Institutional Investors



Sinso的投资机构有：

Filecoin官方—协议实验室（Protocol Labs）
AC Capital、Tenlab、LSC、Bigcoin、Newdex、QRC、BigONE、9 BAYS
CAPITAL、7 O'clock、Hui&Brothers Capital、Bluelab、
JubiCapital 等机构数百万美金参投；

目前已经完成Seed轮融资。

Sinso's institutional investors include:

Filecoin official-Protocol Labs
AC Capital、Tenlab、LSC、Bigcoin、Newdex、QRC、BigONE、9
BAYS CAPITAL、7 O'clock、Hui&Brothers Capital、Bluelab、
JubiCapital.

The Seed round of fundraising has been completed.

SINSO BOX是不发达国家和地区理想的医疗金融和慈善捐助网络平台。
是SINSO的医疗金融子版块；
用区块链的POC共识协议替换原来的中心化的短信银行，引入了去中心化医疗保险及慈善捐助网络的模块。
部分可以对标产品是M-Pesa。

SINSO BOX is an ideal medical finance and charitable donation network platform for underdeveloped countries and regions.

It is the medical finance sub-section of SINSO;

Replace the original centralized SMS bank with the POC consensus protocol of the blockchain, and introduce the module of decentralized medical insurance and charitable donation network.

Part of the benchmark product is M-Pesa.



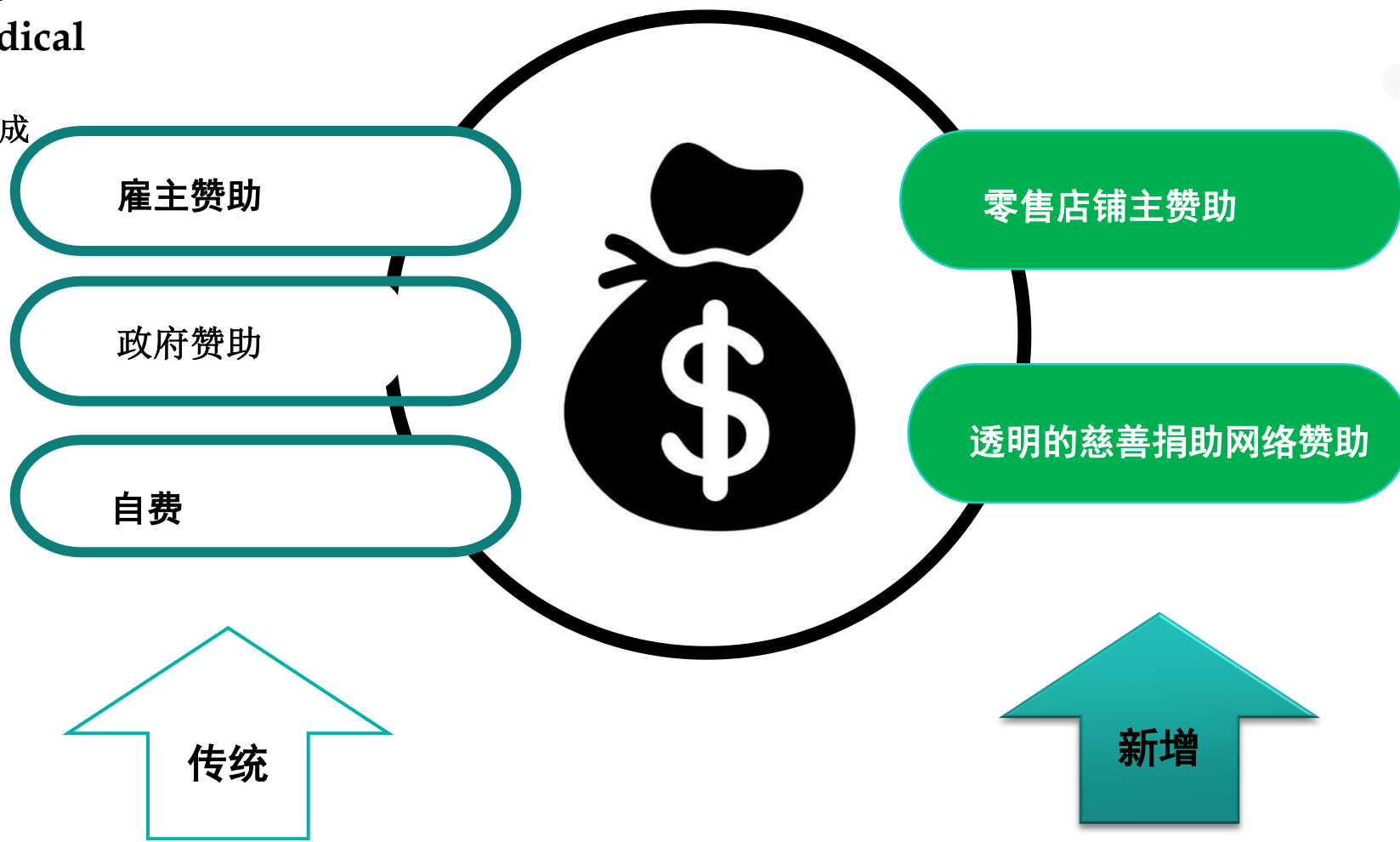
M-Pesa在肯尼亚有着90%以上成年人渗透率，13万个存取款点，几乎全国所有的大中小商铺都支持用MPesa支付，整个流水占肯尼亚GDP的近40%。

M-Pesa has an adult penetration rate of over 90% and 130,000 deposit and withdrawal points in Kenya. Almost all large, medium and small shops across the country support M-Pesa payment, and the entire flow accounted for nearly 40% of Kenya's GDP.

Value brought by SIN SO BOX: retail stores sponsorship + transparent charity donation network

Example: The fund composition of medical insurance

举例：医疗保险的资金构成



Part of the Program Interface



Project Introduction Link

介绍宣传视频:

<https://www.bilibili.com/video/BV1eU4y1A7Jj/>

<https://youtu.be/AhfH0GUCA1Q>

操作视频:

<https://github.com/sinsoio/sinsobox/blob/master/demo%20video%20.mp4>

github地址:

<https://github.com/sinsoio/sinso-box>

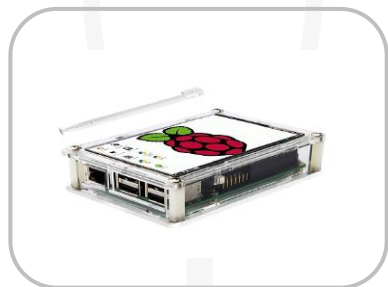
The Hardware Part SINISO BOX Is an Artificially Assisted ATM (Chia POC Miner)



利用每个店铺的现金
代替传统ATM机的现
金箱



不发达地区很难推广无人值守的ATM



树莓派电脑系统



触摸屏



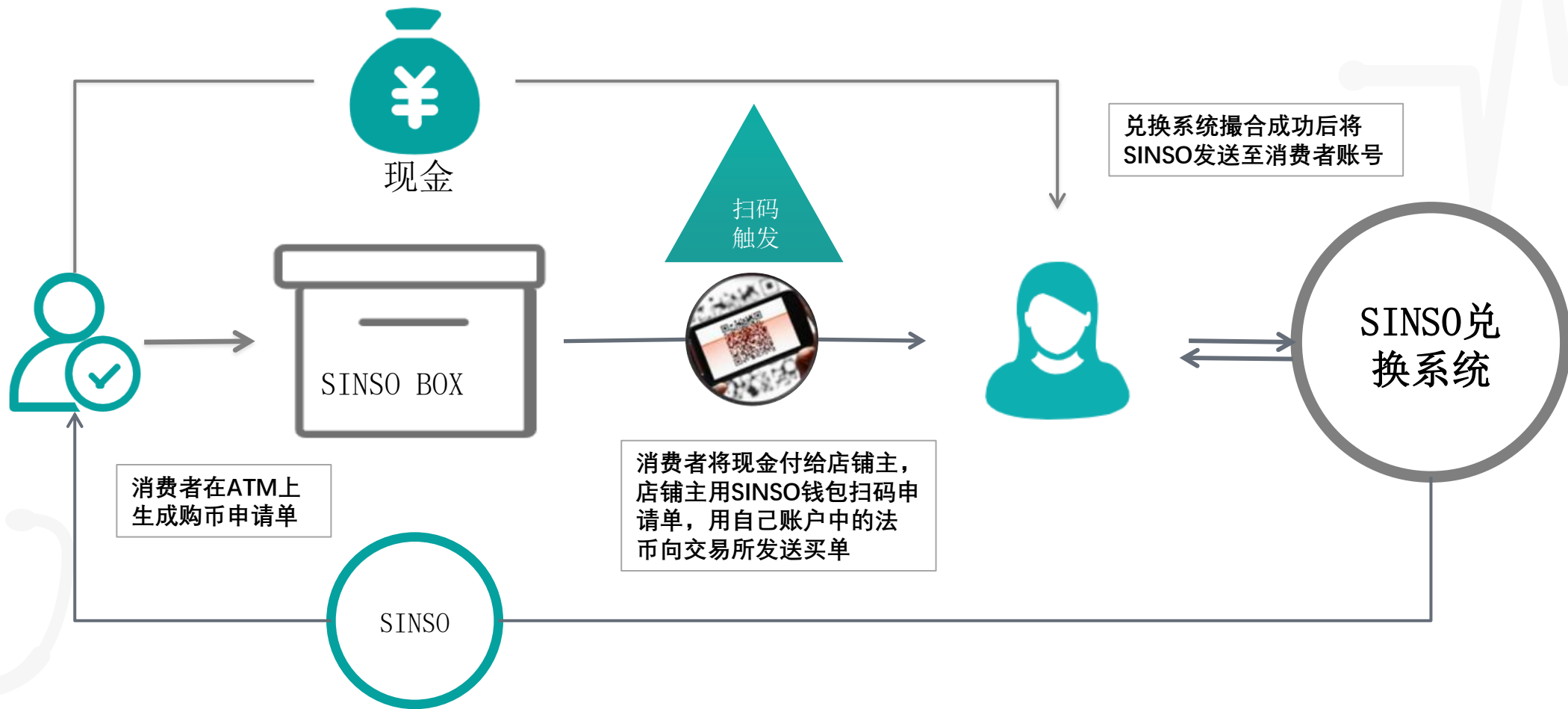
大容量硬盘



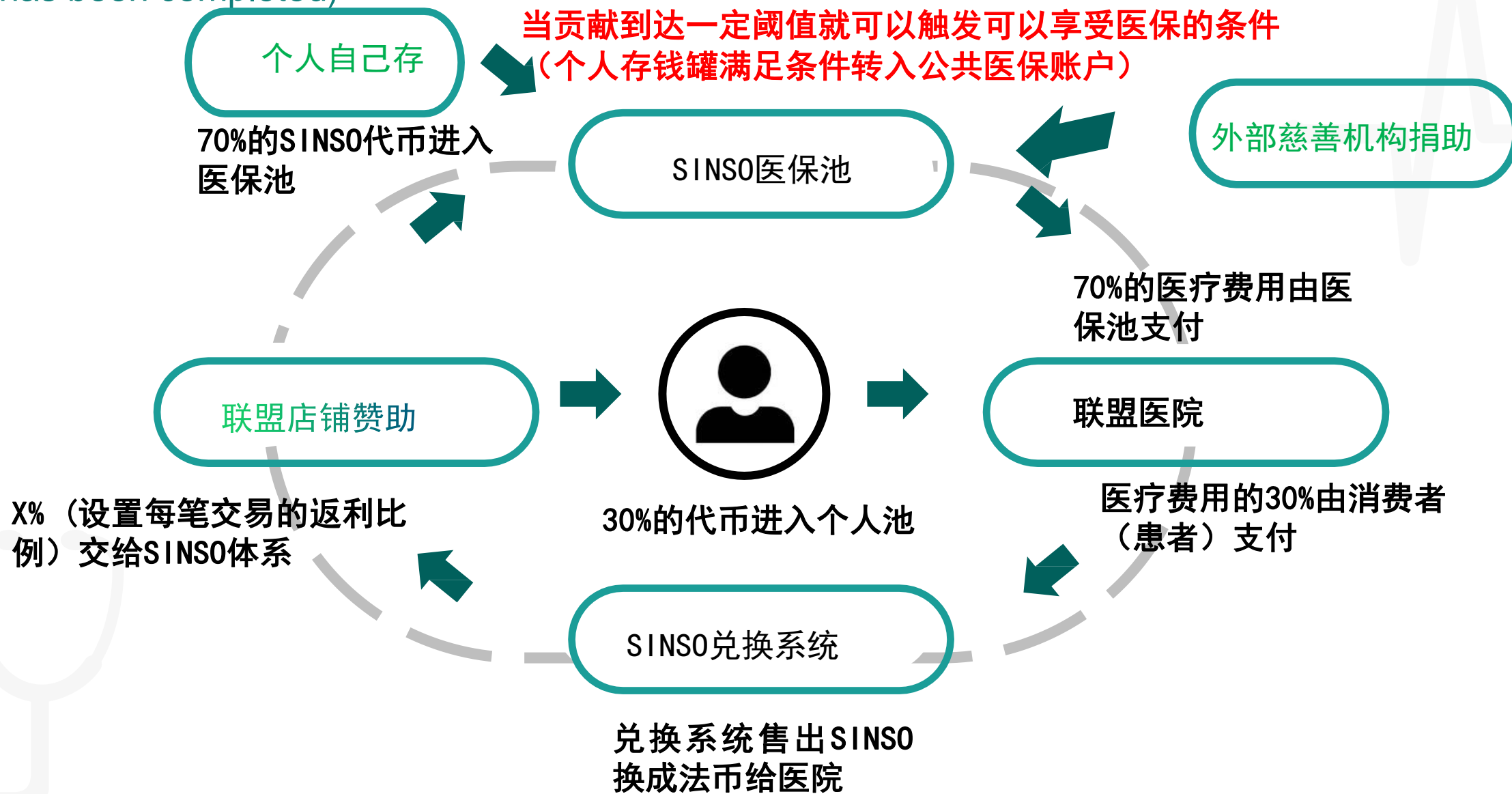
无线wifi模块



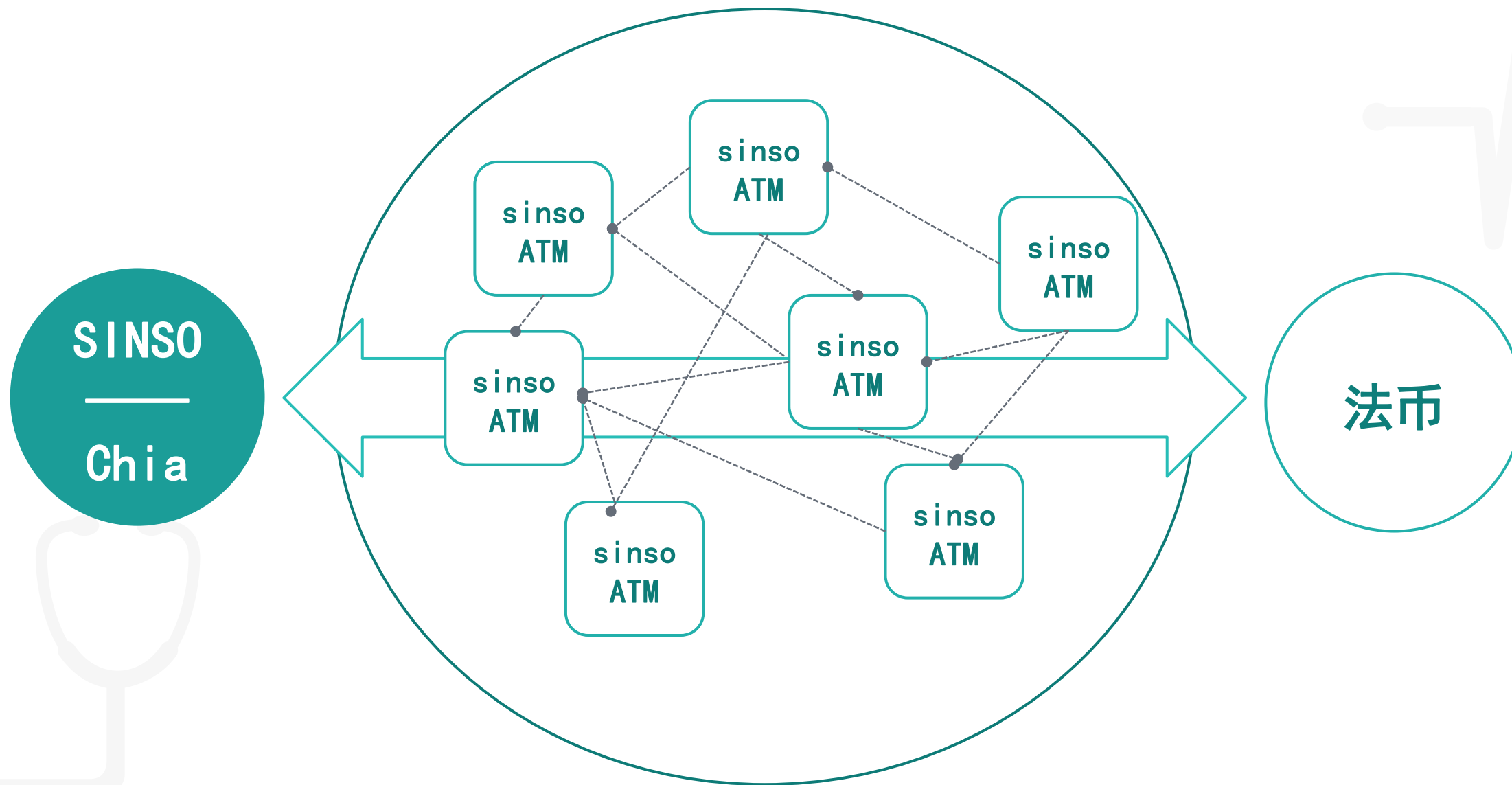
Section on Banks:(Design completed)



SINSO BOX Mutual Aid Medical Insurance and Charity Network Flow Chart (The proof of concept code has been completed)



SINSO BOX Can Build the World's Largest Digital Currency Retail and Insurance Network



Why use Chia ?

1. SINSO BOX是面向全球不发达地区的10亿人提供基础的金融和医疗保险基础设施，**我们需要一个安全、持久、永世长存的共识协议，能够安全持久存储人类的虚拟资产，Chia的POC共识协议是比较理想的技术选型。**（我们在2015年用过ETH，还有2018年尝试过EOS，都不理想）
- 2、Chia低门槛维护参与**非常符合经济学提到的UBI理念**（Universal Basic Income），弥补了UBI的不足，非常有潜力让Chia成为世界上最大规模落地的面向平民的区块链应用，
3. Chia的Chialisp语言在面向Coin编程方面解决了我们之前比较困惑的问题（比如医保资金池管理问题），**在慈善定向捐助方面具有天生的优势**，是医疗保险金融资产目前最完美的技术框架。
4. Chia具有**大量分散在全球的矿工群体，这些是我们潜在都志愿者和合作伙伴。**
- 5、**项目实施建设成本很低、低功耗的挖矿非常匹配项目的特点，**。SINSO BOX是肯尼亚的M-pesa为雏形的升级版的虚拟金融设施（M-pesa是中心数据库和短信平台方式，安全性难以保障，初期建设成本很高），配合低功耗桌面级矿机就可以形成网络，其他挖矿方式很难代替Chia，

Summary of Project Highlights

1. 面向Coin的Chialisp语言能够将UBI理念可以灵活执行，可以彻底改善全球十亿贫困人口的生活，在不发达地区一步到位构建现代银行和保险网络。
2. 按照UBI理念和Chia的Smart Coin做定向捐助，形成智能捐助的慈善平台，让慈善活动能够高效触达贫困地区。
- 3、小店自动加入互助医疗保险网络。消费资本转移到医疗领域。（以验证）
（由零售消费激励转移到医疗的概念验证实践在2018年已经完成，面向3万人口居民区，消费代缴比例是7.6%）

无条件基本收入：

（Universal Basic Income全民基本收入）

SINSO BOX按照UBI 理念为中小店铺提供基本的收入

第一阶段实现——无条件基本收入（Unconditional Basic income），
目前UBI的破局难点在于“**资金难以到达真正需要的人手里等等的问题**”。

巴基斯坦的试点计划：

没有银行、没有银行卡；
也可以获得近乎免费的金融和医疗保障服务

巴基斯坦有50%的人群（1亿人口）没有银行卡，
医保的覆盖度不到10%，医疗设施落后，资金匮乏。

落地可行性：

- 1、我们的CRO，核心团队就在巴基斯坦，是政府项目的高级顾问，可以获得政府支持；
- 2、巴基斯坦是一个市场经济国家，对于发展经济的政策比较开放和友好；
- 3、相对政治稳定，经济发展迅速。

Pilot program in Pakistan:

No bank, no bank card;
You can also get almost free financial and medical security services.

In Pakistan, 50% of the population (100 million people) do not have a bank card, medical insurance coverage is less than 10%, medical facilities are backward, and funds are scarce.

Feasibility of landing:

1. Our CRO, whose core team is based in Pakistan, is a senior consultant for government projects and can obtain government support;
2. Pakistan is a market economy country, and its policies for economic development are relatively open and friendly;
3. Relative political stability and rapid economic development.



计划在募资结束后12月底前后
在伊斯兰堡和卡拉奇和当地伙伴配合，进行试点
(一次性部署5000~1万台 SINSO BOX)
按照半径5~10公里范围覆盖，
实现区域级全覆盖的医疗保险和慈善网络

It is planned that after the fundraising ends, around the end of December,
we will cooperate with local partners in Islamabad and Karachi to conduct pilot projects.
(Deploy 5,000 to 10,000 SINSO BOX at one time)

According to the coverage within a radius of 5 to 10 kilometers,
a regional-level full coverage medical insurance and charity network will be realized.

SINSO BOX's Sustainable Development Plan

www.web3med.io , Web3 medical labs 是一个医疗区块链的开源社区，旨在鼓励更多程序员为医疗行业贡献更多的优质的源代码，解决医疗行业存在的问题。Web3 medical labs 的创始人是 SINSO 技术负责人 Franklin jiang，核心成员来自于各个创业公司的技术大牛及自由代码贡献者。

- 1、我们也会在gticoiⁿ上面开辟专区，建立编程专区，拓展编程志愿者；
- 2、SINSO BOX彻底开源；
- 3、以SINSO BOX为项目目标，编辑chialisp编程手册；
- 4、在世界范围内尽快实施落地试点；

Team



Babar M Khan
CEO
Chief Investment
Officer

- MBA in Finance degree from IBA
- Post Graduate Diploma in Business Administration
- As a Corporate Finance Manager, he was involved in many financing transactions from USD 150M to USD 3.5 Billion dual-tranche bonds issue which was oversubscribed 7 times.



Michael Karin
CMS

- Fellow of the National Academy of Sciences;
- American National Research Expert in Immunology;
- Fellow of the American Association for Cancer Research;
- Fellow of the European Molecular Biology Society (EMBO)



Franklin Jiang
CTO

- 15 years+ of medical IT experience;
- Founder of China's earliest medical research and development team of Ethereum;
- IPFS distributed storage application
- Deputy Secretary General of Blockchain Committee of Chengdu Big Data Association.



Najeeb Zaidi
CFO & CRO

- 25years+ of diversified international banking & investment management experience;
- Fellow of the Association for the Advancement of Artificial Intelligence (AAAI);
- Fellow of the CFA Institute



Sum Xia
Architect

- 5 years+ of industry experience,
- Rich experience in front and back of large-scale project architecture;
- Rich experience in distributed services, high concurrent, high availability applications.



Mariya Ebirayim
CBO

- 8 years of experience in the Fintech investment industry, a senior investor, and a professional wealth planner;
- More than 5 years of experience in branding, digital marketing;
- Focused on the blockchain and fintech field.

THANK YOU

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