

"Solidarity Market, Decentralized Collaboration "

Summary

We propose to facilitate a Solidarity Market of decentralized collaboration that structures useful information to address the health, economic and social crises caused by COVID19.

Markets generate value when they balance incentives and information flows in feedback loops that enable better decisions to be made.

Analyzing data is important, but what is truly vital is structuring the information flows that generate it and this is where Blockchain can provide fundamental help.

Approach

Create and operate smart grids to detect who has what, where and when, and who needs what, where and when. To connect those who have with those who need. To register actors, missing and surplus assets, as well as to facilitate the necessary exchange flows to build decentralized and reliable collective solutions.

We visualize for these networks the following functions:

Registry

Actors, identification and location,

Goods and Services, categorization and processes,

Contexts, Health, Economic and Social Sector

Management

Supply-Demand

Requisition-Award

Transaction

Shipping-Receiving

Correct application

Canalization

Communication, messages

Logistics, traceability

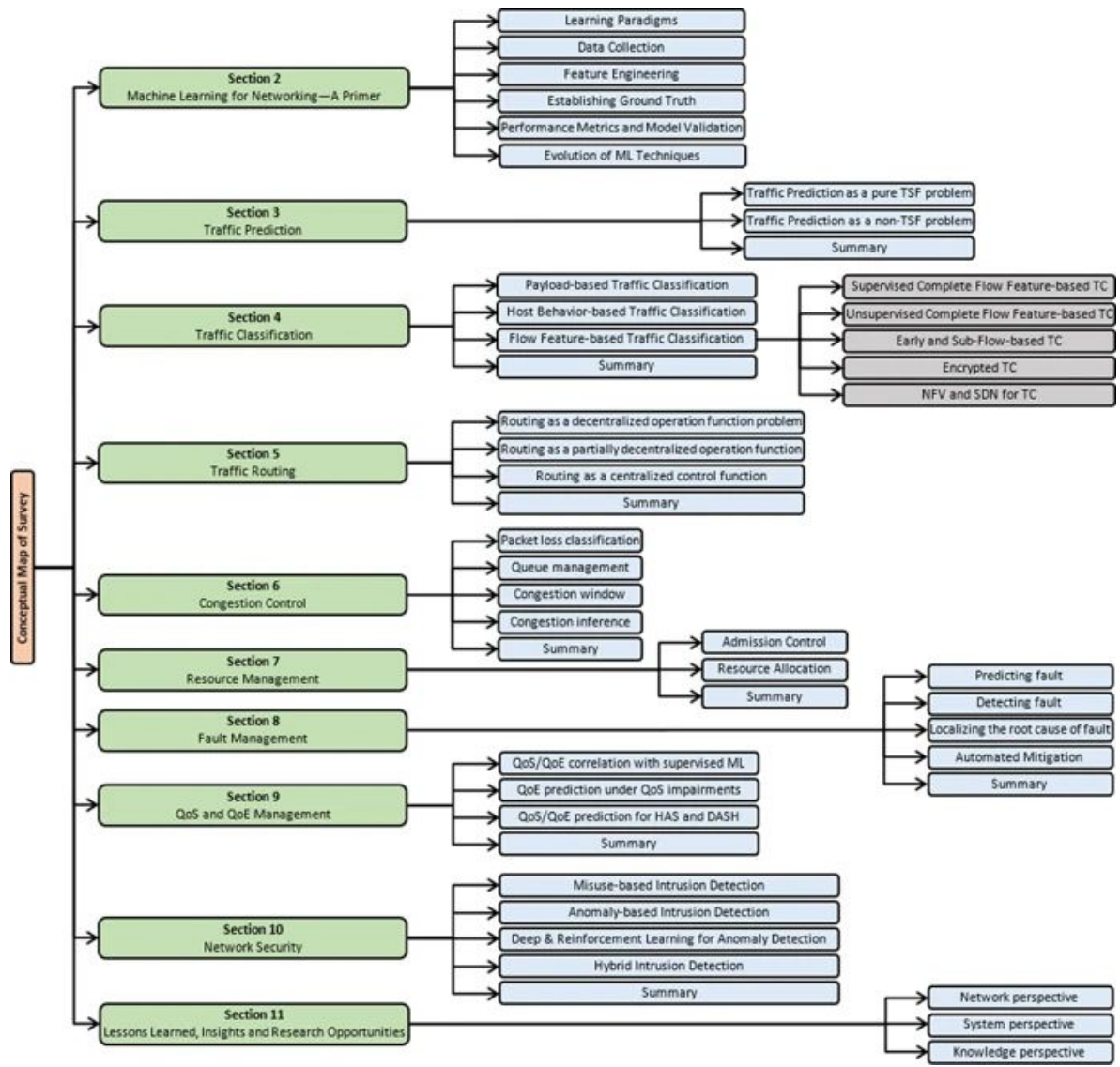
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Reliable certification

Tracing

Evaluation

Our concept of smart networks, open to collaborative discussion, is to identify, through AI, the possible stakeholders or nodes of the network, once each stakeholder has been found it is possible to add it to the network and start generating new nodes from it . This guarantees that none of the nodes that contribute to giving value to this chain are left out (1).



(1) Boutaba, R., Salahuddin, M.A., Limam, N. *et al.* A comprehensive survey on machine learning for networking: evolution, applications and research opportunities. *J Internet Serv Appl* **9**, 16 (2018). <https://doi.org/10.1186/s13174-018-0087-2>

- Network of tourist agents - The tourism sector is one of the most affected with the current situation under the COVID-19 scenario. The objective of this proposal is to strengthen this national network of tourism service providers, through a blockchain network, in which all

enrollees are certified, so that when the health crisis has passed, it can be restored more quickly and adequately tourism globally.

- **Psychological support network** - Among the greatest vulnerabilities that the current population found when they found themselves immersed in isolation is the psychological one, many of us are so dependent on our routine or daily work stress that returning home is more stressful than previously mentioned. Anxiety, stress, loneliness, depression or even panic attacks are the main fears among the population. A psychological support network, with certified psychologists on a blockchain network, who cannot attend to consult their respective workplaces, helping people who are also isolated.
- **Network of local entrepreneurs** - Among those most affected by the current crisis are local producers and entrepreneurs: the small store in the neighborhood, the ladies who sell permaculture or self-made products, from foodstuffs to ornamentals or clothing, the little restaurants that offer his services to companies, among many others, most of them marked by a strong gender and social class gap. This network would seek to include all of them, granting them visibility and generating reliability, simulating a virtual agglomeration economy.

- **Network of community service providers-** Many people find themselves providing services from their homes, such as teachers, athletes, experienced homeofficers, toy librarians, among many others. It is extremely important not to stop the economic flow between all of them, since despite the fact that most of this work is done on a voluntary basis, sooner or later the non-economic exchange will affect the entire society. With the aim of bringing all these talents together in a single certified and reliable network, which at the same time generates economic exchange, a decentralized blockchain network is proposed.

We propose to the Ibero-American Blockchain Alliance to build together, shortly, a prototype that we can test in our countries.

In times of crisis, information is vital to attend to causes and effects, but above all, as Diamandis says, to defend the most valuable tool to emerge victorious: our mental patterns.

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