

Contributions (Libya)

General Communications and Informatics Authority

The Regulator in Libya follows the rules and policies that targets service regulation, consumer rights and infrastructure development, offers guidance to cope with changes and challenges in economies, technologies, frameworks and necessities.

Under the theme of “**What does it take for regulators to become digital ecosystem builders?**” and as the Regulator in Libya is meant to support, guide and advice the operators, ISPs and SMEs. The Commercial law 2010 set a basis to organize private business activities and interconnections. This contribution suggests a new role in a Regulator managed and shared Laboratory (LAB) to become a digital ecosystem orchestrator to facilitate and share new-techs in echo-system with partners, use analysis tools, and make a step forward to social acknowledgement that reach all ICT markets entrants so that they practically engage smoothly to maximum limits and views.

The LAB to build a hands-on partnership between students, researchers, entities, SMEs and strategists. This supports new parties and innovative ideas to find a way to deployment and highlights the whole echo-system interests. The LAB to pioneer management and technical issues related to industry activities as per laws 150 and 80 in 2024 and 2022 consecutively by:

Capacity building, Offering expertise, Ownership of high tech study and experiment Labs, Coordination with research centers and universities, Offer technical consultancies for partners, Handling, Escalating and accelerating ICT technology issues, Connecting to high tech international Labs, Advice the education system improvement, Government consultancy in telecom part of joint projects, Motivate Innovation and technology utilization and engagement.

• How can regulators cultivate an innovation-driven culture in regulatory work and decision-making?

The higher percentage of population in Libya is of a school age and they are responsive to the rapid changes in technologies and trends of interest. They are sensitive to innovation driven culture that requires connecting dots between education, research, businesses, innovation, entrepreneurship and incubation, doing things in a most developed ways considering decision making levels among industry and social parties which are ruled by ownership, sponsorship partnerships directions, whereas regulations and investment strategies to govern systems, architectures with resilience, in a cultural role. Regulator supported KPIs to measure efficiency on incubated SMEs, they measure; survive of new entrants, investment attraction, potential and opportunities developed, innovations and patenting, percentage of incubated SMEs independence. The KPIs direct strategies, calibrate incubation efforts, unite standards, continuous valuation and gap analysis. Finally the outcomes affect services improvement and objectives achievement.

The proposed Lab connects Learning labs to regulator through a research environment where a central high-tech equipment, knowledge and experts are on. It takes a practical, experimental learning and investigative role that eases end-researchers and practitioners in all sectors to have an access to regulator demands and contributions, share ideas and discuss requirements.

• How should regulatory mandates, capacity and decision-making evolve to balance market innovation with digital inclusion and support the achievement of broader social and economic policy goals?

Regulators and Regulations ease and speed-up tracing, archiving, feedback and follow-up new business entrants and entrepreneur's activities that require minimal timed decisions. Regulations encourage business incubations by following a canvas model dots, strategic projects direction, development and funding. It allows for innovation and adaption by experimenting, lean starting up, market studies, building partnerships and networking with KPIs and regular assessment.

The LAB supports negotiations, experimentation and assessment of practices before, during and after decision making, based on market realities immersed and direct existence in the global economy and society. The LAB establishment and partnerships reflects the interests of most parties under supervision of the regulator. They share the goals, tools and frameworks, reading from a single book of achievements.

• How can regulators better leverage Artificial Intelligence, big data, Internet of Things, blockchain and other digital technologies to enhance decision-making, compliance monitoring and regulatory agility?

Regulators face a huge challenge due to the frequent changes in rhythm, trend and effects of the new products of modern technologies, a challenge in regulating new products having deep effects on the markets and people. Challenges increase the need to knowledge management, and innovation, accelerate SMEs development and sustain regulations. This encourages knowledge collection, sharing, organization and implementation (either explicit or Implicit) in order to improve performance and better decision making. The accumulated knowledge expected to facilitate marketing, funding, and processes, enable databases, cases and guidance. This regulates a systematic and continuous learning, experience transfer, enforcement and speeding of innovation and partnerships and networking.

The LAB expected to guide the practical part, and house of knowledge to the whole echo-system. Technologies and Innovations in fields such as Artificial Intelligence, big data, Internet of Things, blockchain and other digital technologies are in a hands-on access to up-to-date developments, experts, resources and best practices. Workshops, capacity building activities and procurements are supporting decision making processes in compliance to regulations and regulator monitoring and update. It will be the major tool that the regulator can use to own edge technology tools and applications, and transparently connect and build partnerships with stakeholders within regulatory processes and public involvement.

• How can regulators leverage regional and international cooperation to foster harmonized regulatory approaches, knowledge exchange and capacity-building?

As regulators leverage networking, they tend to support innovation, incubation and entrepreneurship, motivation, offering spaces, funding, guidance and partnerships. They are responsible to offer an open and resilient environment that encourages innovation and learning from challenges and intergroup cooperation, lead workshops in design thinking, agile and lean startups, preparing digital facilities that breed ideas, prototypes and Innovation labs. They manage to connect between experts, advisors, mentors and new innovators with a continuous ideas improvement. Regulators are deemed responsible on setting the stage for ideas, discussions and shows, organizing competitions and Hackathons of collective innovation, with openness to cooperation with universities and industry-tycoons. These activities require a knowledge of frameworks, change management theories, limited funding, services portfolio and catalogs' issues transforming opportunities to products and innovation to gain quick wins, development acceleration, and competitiveness, attracting investors to achieve sustained development.

The proposed LAB will be strategically a connector, mentor and knowledge-house to all the economic and decision making beneficiaries, they may have their own digital platforms, strategies and executive priorities but they can independently benefit from their share in the LAB. It will have a regional and international openness to cooperate and knowledge management with pre-agreed approaches, seeking knowledge exchange and capacity building.
