



Regulation and Digital Economy

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Received: 27/06/2019

Accepted: 29/10/2019

Published: 20/02/2020

Abstract

As focus on monopolistic behavior the advance in technology need to take in regulation. Light touch regulation has to a great extent been the mantra of the worldwide tech industry from the beginning and numerous legitimately credit it for the pace of development and advancement the business has seen. Innovation symbolizes development, development and markets while guideline spots restrains on development and symbolizes organization. Regulation and innovation are frequently acted like enemies. Be that as it may, guideline itself is an innovation. The advanced economy has been developing significantly as of late, generally because of new digital innovations that are elevating a worldwide change to industry The resulting extension of digital exchange has started off a political and strategy contention on digital economy and web based business, where its limits stand and how best to manage it.

Keywords: Regulation, Innovation, Digital economy, Development

1 Introduction

10 years back, regulators and the open assumed that the ascent of digital stages and their guarantee to evacuate mediators and bottlenecks would give new financial chances to the individuals who had been closed out by the current occupants. Today, a bunch of organizations control impossible bits of the world's financial movement and venture capital. 10 years back the ascent of internet based life seemed to introduce a brilliant time of resident reporting and star majority rules system developments around the world [1-5]; today, we see these equivalent stages used to spread paranoid ideas, detest discourse and phony news intended to undermine our vote based system and sow doubt in our central foundations of government. The digital megatrend as of now appreciates vast opportunity and financial advantages with a low degree of social duty. Society and the economy are quickly changing as customary plans of action are by and large carefully changed and whole enterprises flipped around [6].



Figure 1: Regulation with Digital Economy [6]



Figure 2: Regulation and Economy consideration [6]

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Both the general population and private division celebrate digital innovation, productivity and adaptability, yet potential dangers could likewise lie ahead. Current dangers go from the maltreatment of licensed innovation or of patient information, to advanced extortion inside financial foundations, to programmers assaulting vitality systems and digital fear based oppressors that incapacitate open organizations. These dangers as of now exist.

Table 1: Objective of Regulatory Framework [7]

AVMS Directive (under review)	Electronic Commerce Directive	Telecom package (under review)	Privacy rules (under review)
<ul style="list-style-type: none"> ✓ Free movement of audiovisual services ✓ Protect minors and viewers ✓ Regulate advertising ✓ Promote EU content ✓ Country of origin principle 	<ul style="list-style-type: none"> ✓ Foster the growth of online services ✓ Free movement of ISS services ✓ Light touch regulatory environment ✓ Country of origin principle 	<ul style="list-style-type: none"> ✓ Promotion of competition ✓ Promotion of the internal market ✓ Promotion of end user interests (USO, privacy in particular) 	<ul style="list-style-type: none"> ✓ Harmonised privacy rules ✓ Protection of European data subject ✓ Strengthen user consent rules ✓ Applicable to companies outside the EU

Regulatory modernization – that is, updated rules that match new facts – will promote investment, competition and innovation throughout the digital economy ecosystem, and will protect consumer interests and expectations no matter who is providing the service. Markets and technologies are evolving with great speed. Policy frameworks must not lag decades behind.

In this process, close consultation with all stakeholders is important to avoid unintended consequences of new policies or regulations. Such consultation will help strike the right level of protection for consumers while fostering competition, investment and innovation. Given the imperative of business investment in delivering jobs and economic growth, as well as driving innovation and competition, regulators are encouraged to engage meaningfully with business throughout the policy-making process.

Literature review

History has demonstrated that extraordinary transformations are immediately celebrated however can likewise be seen rather brutally with some reflection, similar to the case during the modern transformation. During the last half of the eighteenth century, industrialized generation strategies rapidly spread from England to mainland Europe and North America. As the monetary prizes were so extraordinary, there was little respect for contamination or social abuse. Notwithstanding, this changed after some time as did the effect of regulations that molded the assembling business [9].

A present case of the effect of guideline on an industry can be found in the ongoing financial emergency. The monetary part was scarcely managed before the breakdown of Lehman Brothers in September 2008. Post-2008, governments and foundations hope to control the social and monetary effect of unregulated markets and ventures with controllers crosswise over Europe attempting to make the budgetary segment emergency verification. This has gone so far that "over insistence" is connected to the segment.

It is extensively progressively hard to work and stay gainful in this overregulated region, notwithstanding for the greatest players in European banking. HSBC is notwithstanding thinking about a move from London to Asia. An ongoing BearingPoint Institute study, "Bank supportability arrives at a tipping point," investigates this top to bottom and infers that the greatness long periods of banking could be arriving at an end [10-12].

2. Result and Discussion

In this section first of all challenges regarding regulation going to be investigated:

Digitalisation presents great and unprecedented opportunities. However, considerable uncertainty remains on the evolution of such transformative technologies. Governments should proactively seek a deeper understanding of the potential implications for society as well as of the critical challenges these emerging technologies pose to their rulemaking activity. The challenges can be broken down into four broad categories: i) the pacing problem; ii) designing "fit-for-purpose" regulatory frameworks; iii) the regulatory enforcement challenges; iv) the institutional and transboundary challenges. Pacing problem. Beyond the nature of digital innovation, the sheer pace of technological change itself fundamentally challenges contemporary regulation. Digital technologies tend to develop faster than the regulation or social structures governing them. While the disconnect between the technological pace and regulation has always been a concern, there is a growing consensus that digital technologies break new "pacing" grounds. Designing "fit-for-purpose" regulatory frameworks. Digitalisation blurs the usual delineation of markets and sectors, as illustrated by the "new" convergence in telecommunications, media markets and digital platforms. It also confuses the traditional distinction between consumers and producers, as is the case with the rise of individual "prosumers" in the electricity market that both consume and supply energy to the network. This blurring of boundaries affects, inter alia, the scope of the regulators' mandate and activities. The economic properties of digital business also challenge the standard cost-based regulatory models as price formation in the digital economy obeys different rules. New forms of regulatory intervention may be needed to address emerging market failures deriving from information asymmetries in some digital markets (e.g. transactions of personal information in return for "free" digital products or services). Regulatory enforcement challenges. Digitalisation challenges regulatory enforcement by questioning the traditional notion of liability. In particular, it makes it more difficult to apportion and attribute responsibility for damage or harm caused by the use of technology to end users. A specific example is provided by the difficulty to enforce copyright/property rights with the internet offering new ways to distribute content. Another example is the difficulty of attributing liability (to the

vendor, the distributor, or the original equipment manufacturer?) when AI is involved. Institutional and transboundary challenges. The traditional institutional framework underpinning regulations – around sector or activity-focused ministries and agencies – is also showing its limits when dealing with the transversal challenges raised by digitalisation. Digital technologies can indeed span multiple regulatory regimes, creating the potential for confusion and risks. Moreover, digitalisation pays no regard to national or jurisdictional boundaries and drastically increases the intensity of cross-border flows and transactions. It gives businesses global reach while being able to locate various stages of their production processes or service centres across different countries. This feature enables companies to “forum shop” or to avoid compliance when it comes to their physical presence, their internal tax policy, and their policy for data protection or other regulated areas. The mismatch between the transboundary nature of digitalisation and the fragmentation of regulatory frameworks across jurisdictions may undermine the effectiveness of action and therefore people’s trust in government. It may also generate barriers to the spread of beneficial digital innovations.

Around the digital single economy the digital economy provide many challenges. The truth of the matter is, for the digital economy to flourish, uniform lawful arrangements are required, and simultaneously this uniform collection of law must not hamper the spread of advancement and progress inside the digital economy.

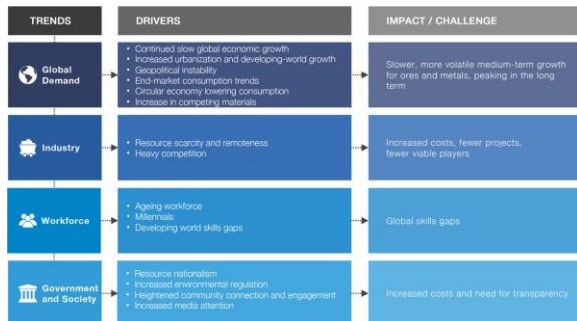


Figure 3: Report of Digital Transformation

Uber, the online stage for transportation administrations, and Airbnb, the network commercial center for rental facilities, are the most mainstream yet in addition the most dubious models from the flourishing sharing economy. They depend on the peer-to-peer (P2P) standard: business is led legitimately between stage clients. Uber, Airbnb and comparative organizations profit by especially low passage and leave boundaries for specialist co-ops and clients. They outrage conventional market members, yet considerably customer and security promoters have stood up and scrutinized rehearses, e.g., how they handle, or misuse individual data, for example, area information by means of GPS.

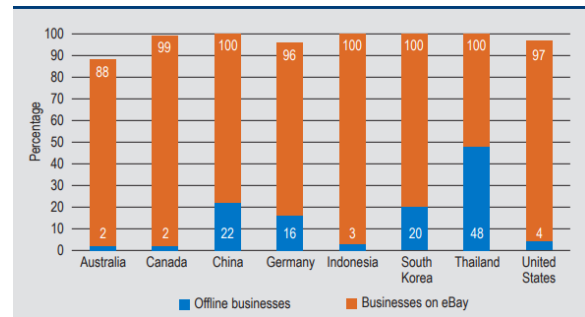


Figure 5: Share of small business over the countries taking example of online business (eBay) and offline business

Factors of Digital Economy in the Market. In digital era for participation in market some factors are given below that recommend for participants:

1. against potential misuse and network attacks development of protective measures
2. Digital backlog and current business model review
3. Assessment and digital trends of potential threat analysis
4. in the planning of technical resources and company evolution of existing model
5. Sustainable digital strategy implementation and development

2.1 The Evolution of Regulation and Innovation

As economic activity has increasingly moved from traditional telephony to the more robust platforms of wireless and wireline broadband communications, the potential exists for substantial improvements in the economic lives of both citizens and businesses. This transition has also given rise to numerous policy issues regarding how to foster innovation and added economic welfare in this vital sector.

The work offers an establishment of scholastic research and strong new speculation on basic issues at the crossing point of innovation advancement and regulation. The Evolution of Regulation and Innovation Project investigates the connection between regulation in this area and development with regard for strategy changes and how they influence financial results both for customers and the bigger economy. The Evolution of Regulation and Innovation Project connects with driving researchers, policymakers, controllers, business pioneers, and industry specialists from over the Internet biological system.

3 Conclusion

The digital economy – that piece of economic yield got exclusively or essentially from digital innovations with a plan of action dependent on computerized merchandise or administrations – is of expanding significance to creating nations. However digital economy the truth is undershooting its potential in these nations, because of a progression of difficulties. Advanced foundation is to some extent deficient, expensive and ineffectively performing. The more extensive computerized biological system endures a setback in human abilities, powerless financing, and poor administration. Development in the digital

economy is intensifying advanced prohibition, imbalance, antagonistic fuse and other digital loss.

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