

# **Foued Sabbagh**



Abstract: This paper focuses on the methods and the mechanisms of E-commerce and E-marketing, and the important role of international electronic companies in this vital and digital field. The spreaders of the digital economy and the techniques of information and communication technology are deployed with applications of E-commerce and E-marketing. Thus, the digital globalization opens the horizon of technological development and accelerates the growth of the use of modern techniques through the innovation of the digital economy in our daily lives. In addition, the modernization of companies in the field of Emarketing and E-commerce has a direct impact on the strategic relationship between internet users, information, technology and business. In this sense, my theoretical study determines methods and mechanisms of promotion through E-commerce and Emarketing during the revolution of the digital economy and the technologies of modern and social communication.

Keywords: The digital economy; the communication technologies; E-marketing; E-commerce; methods and mechanisms. JEL Classification: F19; M15; M31; M51; O39

#### I. INTRODUCTION

 $\Gamma$  he term of digital economy or also internet economy refers to all economic and social activities that are enabled by the internet and the other information and communication technologies (Georgiadis C.K, Stiakakis E and Ravindron A.R (2013)) [4]. Later on the issue of modern communication techniques is deployed with e-commerce applications and precisely in the early nineties of the past century. The spread and growth of this trade among one thousand thousands of human beings using these modern means have been positively contributing to the raising of profits and the rapid enrichment of electronic merchants. What undeniable have strengthened the importance of business deal through online selling because of the increasing habit of this network it is puts the investment of these menus in the application of market principles through supply products and services and their distribution and upgrade.

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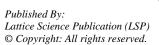
\* Correspondence Author (s)

Mr. Foued Sabbagh\*, Masters Degree in Economics Sciences Specialty Finance and Development in 2010 from the Faculty of Law and Economics and Political Sciences of Sousse – University of Sousse Tunisia and International Economic Researcher, fouedsabbagh 2010@yahoo.fr

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Therefore launched the revolution of modern craft, which can be facilitating the process of selling and buying for millions of people with diligence and the effectiveness of quality and the promotion of diligently all the wares of the same process of marketing along the web. The study of Brynjolfsson E and Hitt L.M (2000) explain when the companies using information technology to change the way they conduct business often say that their investment in information technology complements changes in other aspects of the organization. Also the technological innovations related to the commercialization of the internet have dramatically decreased the cost of building electronic supply chain links. The evolution of modern techniques of communication on the net has helped electronic marketing of the business relationship between consumers and global electronics companies in a highly organized and courtly style. Selling is a profitable way companies profits you the most dividends and benefits a better spirit.

The internet has become today on the important commercial space where the merchandise proposed for sale and are witnessing an increasing need for the purchase of these products by countless and not be brought into thoughtfulness. Fellowships to promote their products electronically have increased the sites for sale and purchase and increases with number of customer's promoters with commission the goods of these societies. Many people believe that e-commerce was one of the unsuccessful sites no approval, and no one buys or trusts and views them as fraud and elaborate, but lots more than that. Ba S, Whinston A.B and Zhong H (2002) says Millions of dollars change hands daily through online auction markets. However, fraud has been on the rise in these markets. Using a game theoretic approach, we propose a design of an economic incentive mechanism, the trusted third party (TTP), to serve the online auction communities. Ecommerce to many sections according to the competence of each electronic enterprise, including commercial marketing by the company to the consumer (C2B), companies to companies (B2B), consumers to consumers (C2C), consumers to companies (B2C), Non-profit e-commerce (NonbusinessEC), electronic business-to-business-toconsumer (C2B2B), in company (intra-business), business to its employees (E2B), cooperative trade (C-commerce) and government to its nationals or enterprises (E-Government). I can give out the functions of electronic marketing via the marketing mix in force on the international markets of electronic commerce, for example search of the market of products and services, price,



placement and distribution and also the announcement and promotion and publicizing. After demonstrating the e-commerce system via the marketing mix proceed to define the methods and mechanisms of electronic marketing of the products through the internet to turn it into a huge trading space containing all the wares of the countries of the whole universe. Beginning of all ways of furthering the division of the market, the positioning in the securities industry, the strategy of the market and types of marketing. Secondly, includes mechanisms for the packaging of products to many branches of trade companies of e-commerce and e-marketing and web marketing. Partial e-commerce, systems of information between the foundations and the electronic markets, systems of information between the institutions and theoretical accounts of shared income.

Some pass the e-marketing a radical transformation in the concept of trade close the internal market closed with a large external market open to the universe, including a great movement of supply and demand. The development of the emarketing system to include modern changes in the world of digital engineering and e-commerce has become a major concern by officials declare as a plus element in limiting unemployment and offering chances to occupy many executives and graduates of universities, especially in the area of international trade, as well as provided a statement of substantial foreign exchange profit. The essay of Zhou L, Zhang P and Zimmermann (2013) starts by providing a brief overview of social commerce research and practice in light of the wide attention it has drawn in the industry. Then, we propose a research framework with an integrated view of social commerce that consists of four key components such as business, technology, people and information. In this paper of e-commerce and e-marketing, I will concentrate on electronic marketing methods and mechanisms and bases and international electronic companies in this critical and digital economy, also the important rule of information communication technology. Well, What is the concept of ecommerce and e-marketing in global markets?. How determines the promotion of products of international companies in this field?. And what are the methods and mechanisms of electronic marketing?

## II. ELECTRONIC COMMERCE

Electronic commerce is a new concept emerged with recent developments in the area of digital globalization and advanced communication techniques. The universe of communications through internet networks is defined ecommerce as a means paves the way for the sale and purchase or exchange of merchandise, services and data. In addition, ecommerce applications are split into three parts, as follows the purchase and sale of so-called e-grocery store wares and services, facilitating and directing the flow of information and communication, and cooperation between societies and between different sections of a single company and ultimately to offer client service. The application of internet technologies to interfirm transactions has led to the amazing growth of internet-based business-to-business (B2B) electronic markets and online B2B sales (Dai Q and Kauffman R.J (2002)) [3]. The research on information technology and its impacts provides a rich resource for studying the various business models of B2B electronic markets and the dynamics of organizational adoption of electronic markets. I can classify electronic commerce through the nature of business transactions of international electronic companies. Fig.1. This classification represents the immense arena of sales operations or the purchase or exchange of merchandise, services and information via the internet and customers, or internal or external intermediary agents. This relationship forms the link between the tasks and the consumer or the direct relationship between one of them and some other.

- Commercial Marketing of company to consumer (C2B):

This transaction represents the cognitive operation of selling products, services and business-to-consumer exchanges, such as Dell and Amazon. This treatment is classified in direct sales to the consumer by retail sales without the presence of a commercial intermediary.

- Commercial Marketing of companies to companies (B2B):

The business relationship is essentially selling and buying between companies and it is in the aggregate of information systems between organizations and transactions carried out in electronic markets between companies. Dai Q and Kauffman R.J (2002), affirms that synthesizing prior research on electronic markets, interorganizational information systems, and adoption of network technologies, we reveal that B2B electronic markets offer basic market functions, as some researchers have indicated, and that the current functionality base for electronic markets is beginning to emphasize other capabilities that aim to satisfy management information and risk management needs and enable technological adaptation and system integration.

- Commercial Marketing consumer to consumer (C2C):

Marketing represents the commercial exchange of the consumer to the consumer directly. The study of Ba S, Whinston A.B and Zhang H (2002) confirm the creating of the trusted third party (TTP) because could be a great business opportunity. Just like Truste (http://www.truste.com) **BizRate** and (http://www.bizrate.com) are currently playing an important role in building trust in electronic markets, the proposed TTP model sheds light on a new type of TTp, which may significantly promote trust in online consumer to consumer (C2C) auction markets. While observing the procedure of selling a product between consumer and other consumer directly. Hence, the consumer has put ads on the website for sale for personal intentions or experiences. On that point are also auctions on the net like the eBay site.

- Commercial Marketing of consumers to companies (B2C):

The commercial operation of individual consumers to companies that sell products or services to companies, such as the sale of handicrafts or traditional products to the companies falling the protection of the inheritance.





Fig.5. illustrates four essential elements of social commerce, their alignment and integration relationships, and strategic fit between strategy and infrastructure levels in each element strategic fit is inherently (Zhou L, Zhang P and Zimmermann H.D (2013)) [9]. This is because the choices made by one business enterprise or firm will evoke imitative actions over time, and this will necessitate responses from other competitors (Henderson J.C and Venkatraman N (1993)) [5]. This argument explain the social commerce with the strategic alignment concerns business, technology, people and information.

- Electronic commerce non-profit (NonbusinessEC):

This procedure represents the role of dissimilar types of ecommerce to reduce costs and improve the performance of government and not for profit psychiatric hospitals. Here we recall the religious and societal establishments.

- Electronic commerce between companies (Interbusiness):

This transaction presents the commercial exchange on the internal network of the company, which includes the exchange of products, services or data. The aim of this procedure is to bring down the costs of managing the psychiatric hospital and training workers on the cyberspace web.

- Commercial Marketing of company to company to consumer (C2B2B):

This transaction presents a trade exchange from one society to another and then to individual consumers. Here the company purchases the merchandise and then trade it to the retailer, and then sell it immediately to consumers.

- Commerce Marketing in a section within company (intrabusiness):

The commercial transaction represents all activities and internal information of the company regarding the interchange of goods and services or information between the different parts and individuals within the company without commercial intermediary. This case depends on several different units; each unit is specialized in the manufacture of specific pieces and sold to another unit within the troupe.

- Commercial Marketing of company to its employees (E2B):

The commercial exchange represents goods or services or information about the company to its individual personnel. Here, the company offers employees with certain products at a price and preferential returns the company immediately.

- Cooperation commerce (C-commerce):

The role of this cooperative commercial operation is to cooperate in electronic from among persons or groups at a distance to bear away the electronic commercial operation, such as the purpose and production of a product.

- Electronic commerce of government to citizens to companies (E-Government):

The operation represents the process of government coordination of the execution and simplification of management procedures through the purchase or supply of products or information, or to its individual citizens or companies through the Ministry's electronic website. Electronic government or so-called electronic public administration takes three main forms are:

- Relationship between the Government with Citizens (C2G)
- Relationship between the Government with the Government (G2G)

• Relationship between Government with Business (B2G)

The work of e-government represents the official expression of the knowledge society and the digital economy in the context of international economic and trade globalization in order to simplify relations with administrative structures and citizens and all clientele from a space.

#### III. ELECTRONIC MARKETING

The idea of electronic marketing via marketing mix began in the year 1964; and that by the theory of professor Harvard University of business Neil Borden. Fig.2. This method includes a mix it called the marketing mix contains 12 elements of marketing. However, Jérôme McCarthy and Four Buze are what proceeded to lay the foundations of this combination consisting of four capital letters beginning with letter "P". There is also a continuing debate in American universities as to whether to modify the elements of the marketing mix to manage the business of electronic marketing. Hence, all business parties are working to gain a larger share of the target market to strive to control and influence consumer buying behavior through the marketing strategies adopted. The global electronic companies have adopted a set of external influences in order to influence consumers buying behavior in order to rush to their product and to control the market through intermediaries, promotion agents and direct sales. The commercial marketing by the marketing mix method is made up of sP4 as well as the main element is reliance on market research that gathers communications and company, as well as the electronic marketing process on the internet combines elements electronic marketing mix as follows:

## - Marketplace Research

The marketing of a particular product proceeds first by identifying the needs and desires and preferences, and the behavior and reactions of prospective consumers, and the best way to reach the consumer is direct surveys through contacts or by notice of the survey. Also gather information about the market and determine the growing demand for the quality of this product. In addition, focus research on the study of competitors and market variables and product quality.

- Product:

The modern technologies have contributed to the allocation of additional services for a given customer. While the customer has become a consumer demand a given product online from some countries of the world and from any chosen retail store quickly and easily. In addition, the consumer can access all types of products electronically within a few minutes. It could also for the consumer to request modifications specially adapted to his needs and desires. Here the operation of the manufacture and production of the products required by the consumer takes home. Hence the operation of manufacturing products through the special website on sales as follows, the demand of consumers who wish by selection of design, painting, colors, size, measurement and other and then the customer make the purchase of products and the site make to manufacture required products and packing and shipping.



#### - Pricing:

The price is the main marketing substances to market any product through the internet, the consumer has become influenced to a large extent at the price of this product before buying it. The price of this product has made the calculation of rates of fees and taxes and insurance. These factors have a considerable influence on the consumer, where the latter by comparing the prices of a better and easier between a large number of competing electronic companies in the global market on the internet. The evolution of commercial marketing on the internet has opened up a wider field for the consumer to choose the right price for their needs and desires. Thus is done here the supplying operation wishing by the appropriate price and affordable on the other hand financial consumer of ability to pay the purchase of a paid product.

## - Promotion and Publicity:

The use of modern technical means of the internet has allowed companies to adopt methods of promotion and propaganda and declaration of cost and high quality to attract consumers to buy a given product. This method facilitates the advertising work to inform the customers required for the quality and price of this product. It has also contributed to consumers' desires in modern high quality electronics. This promotional activity is known as a direct marketing communication activity with the customer required to tell him, or persuade him or remind him to accept or restitution purchase through a set of guidelines and advice. The marketing mix elements can be listed in the ad, promoting products according to the consumer's desires and market varieties.

#### - Placement and Sell:

The method of distribution followed by the company in accordance with the desires of consumers and through the carrier of the products of the factory and to the customer or consumer. The distribution includes the identification of targeted geographic areas and the place that wants the consumer as well as physical distribution, storage and direct transport. The evolution of modern electronic internet systems has become a global trading space, so that the consumer no longer needs to go to market, or the search for a product can not easily obtained, money. The distribution and sale on the internet with credit cards facilitates the operation of direct selling fast and high quality and high tech. In this raison, the information asymmetry may lead to market inefficiency, we can design and create trusted third parties to reduce asymmetric information, and thus to prevent potential market failure (Ba S, Whinston A.B and Zhang H (2002)) [1].

## A. The Methods and Mechanisms of Promotion

The operation to promote internet commerce based mainly on modern electronic promotion methods and mechanisms in world markets. The method of promotion includes market division, market targeting, positioning in the market, marketing strategy and approved marketing types. Electronic product promotion mechanisms can be categorized as ebusiness, e-market and network marketing, partial electronic commerce, data systems between institutions and electronic marketplaces, data systems between institutions and theoretical accounts of shared revenue [7]. The commercial marketing of products on the internet begins with the elaboration of a global concept obviously to the objective of

the company and the object of its creation. This way of marketing aims to develop legal frameworks and working bases of companies and their relations with their customers and intermediaries promoters of the products. In every commercial promotional success story lies electronic marketing in one hand on it. Marketing knowledge has become today the way to get rich quick in a knowledge society and digital economy. The purpose of the trusted third party (TTP) is to facilitate trust building in the online environment, and to help reduce online fraud through the use of reputation (Ba S, Whinston A.B and Zhang H (2002)). The mechanism combines the digital economy and information communication technology aspects of online transactions. Controlling sales by commission or direct selling represent for some electronic merchant a way to derive considerable profits legitimately and legally.

## **B.** The Methods of Electronic Promotion

The marketing profession is the conduct of all forms of activity of an electronic company that brings together all parts of traders, promoters, intermediaries and customers until the end of the product sales process. In this sens the classification of electronic commerce research by common topic such as applications, technological issues, support and implementation and others methods increasing the volume of electronic commerce research has been conducted for a diverse range of areas (Ngai E.W.T and Wat F.K.T (2001)) [6]. Marketing defines for the company the market for its intervention and any merchandise for sale and promotional planning through the development of electronic sales methods. Fig.3. The marketing genius Philip Kotler recalls by applying his marketing analysis that the company's sound business resides in a suitable place of a place in the market. This theory can be summed up in three words (STP); Segmentation, Targeting, Positioning. In addition, one can increase the two important elements of promotional methods are the marketing strategy by analyzing the situation of the promotion and then defining the different types of marketing.

- The division of market (Segmentation):

The objective of this process is the segmentation of the market into several sections and groups to find broad areas can bring substantial profits in favor of the company. The very large market can be divided into three different ways:

- ✓ The first method: it is essentially the demographic factor mention here the age, income, of education and employment. An example of the company L'Oreal of cosmetics products eliminated the skin wrinkle said that it is destiny women by a factor of age between 35 to 50 years.
- The second method: we can divide it markets here as needed because there are those who would like to make when out shopping with a request for a given product remotely. This slice of the population prefers purchases phone or internet connection and home or workplace. This method comprises essentially a category given individual in income is high or a level of Education is high, with experience of using applications of mobile phone or of the internet.

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- ✓ **The Third Method:** depends on the quality of the proportion of whom preferred site promoter in the manner of behavior, and not by the intermediary their individual needs. Example a category of persons applying for food on site electronic particularly.
- Target market (Targeting):

The advertisements have contributed decisively to the activity of the e-commerce market and thus to determine the characteristics of the activity of the company and their viability. The catch to target the market is to choose a fraction of their customers in relation to the products that incite the internet. Therefore, this targeting makes it possible to realize profits and lack of competition with other parts of the global electronic society that promote a particular product.

- Positioning in the market (Positioning):

This scientific term is marked in the marketing of electronic products with the authors of Al Ries and Jack Trout in 1982 in their book "The Conflict of Making the Mind". This is where the identification of the product to put it in front of customers elaboration within the minds of customers. The qualities of the products vary and take various forms, of which it is preferable and faster, and the safest and the cheapest and the most beautiful, but the marketing makes you in front of a single choice and that of identifying a single quality of one product want to buy. Marketing ensures you a given quality of a given company for a given tranche. The choice of a site within a market is identified product quality, is sold for a slice of customers have been convinced about the quality of this product.

- Strategy of Marketing (Marketing Strategy):

Each development of a marketing plan must contain essential elements and factors are identified before the start of trade promotion. The marketing strategy consists of setting goals that are timely and appropriate and studying all possibilities. Fig.3. The marketing strategy plan is articulated in five things that they call C Five's letters (5C's) and are customers (Customers), company (Company), competitors (Competitors), collaborators (Collaborators); content (Context). These factors are considered the most important part of marketing for you and for your business and your company and you have made considerable profits.

- ✓ <u>Customers Analysis</u>: The promotion of a particular product requires an analysis of the characteristics of virtual customers through appropriate selection of the product to their desires. In this regard, researchers found in the marketing field of the existence of five roles played someone at the completion of a purchase transaction. Therefore, these distinct roles are distributed according to needs and desires as well as the sponsor's tracking and analysis.
- Initiator: Product internet search of desire
- Reporter: to take the decision that suits his needs and desires
- **Affluent:** affected by operations promotion and not to take the final decision of purchasing
- A consumer purchaser: the customer is put in out with success the process of purchasing a product
- User: the one who makes use of a product that has purchased

- ✓ <u>Company Analysis</u>: The operation is done by analyzing the capabilities and points of weakness of the company and a product offers promotion. In addition to the analysis of the financial capabilities and productivity on the one hand, and their capacity of research and development on the other part. It is necessary to identify all the assets of the productive society of the product under consideration.
- ✓ Competitor Analysis: In this area of analysis of competitors in the electronic market must first determine the current and potential competitors. In addition to understand the points of their strength and weakness so well. And therefore to put the methods and special means for the commercial marketeur of the different product and distinct from the others. In addition, the objectives of competitors and strategies must also be assessed in order to anticipate competitors' reactions in the electronic market.
- ✓ Collaborator Analysis: Global electronic companies cannot do everything themselves for this, you need these companies to many promoters and intermediaries of the company and products for sale. There partners are considered the company of collaborators, such as distributors and suppliers. It is appropriate in this regard to analyze the quality of the promoters through understanding and a good appreciation potential of each partner of the company you can depend on the promoter in time and the right places to sell.
- Context Analysis: The marketing policy electronic commercial products on the internet or marketing through the direct sale not fixed and its content always change. The events of the world have known in the field of digital technology in a direct relation to the culture of the customers and which can produce unexpected surprises for the marketer. The value of products and services determines the needs and desires of buyers and changes in the company culture, such as Pepsi, McDonalds and Adidas. These evolutions are called in the commercial marketing by the fashion, the chic and the last mark. While the value of the proposed products whose sale affected and changed the culture of buyers. These results must be identified and analyzed and taken into consideration. Thus, Jack Welch the most famous director of e-government over the past twenty years has shown that marketing is not the task of the workers, and the task of all employees of the company.
- Types of electronic marketing (e-Marketing Types):

  The evolution hat has experienced the modern technological sciences and the digital space in the knowledge society and the digital economy make the internet network a considerable commercial space for all parties concerned by local or national authorities in electronic trader and distributors. Thus e-commerce has also become a scientific and professional culture and taught their programs in major business and commerce universities around the world. Electronic marketing has become the important necessitie of life institutions and factories and local and international trading companies.

Some of the millions of people who log on to the internet every day into network all over the world, particularly by means of social communication and electronic mail. He also became a global internet marketing chain and a large-scale open market internationally to promote products and services and become as a business space for high financial returns of profits. Fig. 6. Zhong Y (2012) [8] explores the concepts of social commerce, the behavior of consumers in social commerce, business models and revenues models of social commerce. In our world 350 million users are engaging with Facebook on mobile phones, also other use more social media platform or connect with e-mail. The information and communication technology (ICT) adopting one model maybe very useful tool for explore the motivation of consumers in social commerce. In addition, the internet has become the commercial area of the capital without entrepreneurs or a simple cost has made considerable profits. All the government studies the world has shown that e-commerce represents a new generation of modern commerce and traditional commerce has become the past. Also, all the reports confirm that the new rich in the world are those that can create commerce sites on the internet or to promote products through direct sales. What is beyond doubt that remote working on the internet has added means of promotion are the following types can be cited:

- Sites ads free online
- Public forums and indexes websites
- Directories and indexes websites
- Pages websites
- Sites of social media
- Sites of videos
- The announce with clics in research motors
- The announce with clics in social sites
- E-mail announce and campaigns of promotion
- Sites of paying ads
- Blogs of company to through direct communication with customers and explain products
- Magazines and electronic journals
- The announce by search engines
- Web design to make known to be the products and services
- The creation of commercial shops electronic
- Advertising sites of propaganda
- Marketing through recommendations

Among the most important points that are added by the website to understand the needs and desires and client actions on electronic and commercial websites and understand what they like and what they do not want. As a scientific evaluation and professional implementation and the effectiveness of advertising campaigns e-marketing.

# C. The Mechanisms of Electronic Promotion

The sale transaction or the purchase or exchange of goods and services and information on the Internet depends on many promotion mechanisms based on the competence of each electronic company in a given field of marketing and sales. The evidence on how investments in information technology are linked to higher productivity and organizational transformation, with emphasis on studies conducted at the firm level (Brynjolfsson E and Hitt L.M (2000)) [2]. Over the last decade of research of the new mechanisms of marketing

by new strategies of promotion since then has substantially improved the understanding of the relationship between information technology, organizational transformation and business performance. Fig.4. The multiple expressions of ecommerce take many forms and different among them electronic commerce there is (e-business), electronic market (e-marketplace), web, network marketing (Network Marketing), partial electronic commerce (Click-and-mortar), information systems between institutions and electronic markets (Interorganization information systems), between institutions of information systems (Intraorganization information systems) and common revenue models (Marketing models).

## - E-business:

We can define e-business as the concept of the use of modern technologies and electronic networks for the development and distribution of commercial business or the creation of new virtual business. This definition develops basic frameworks of e-commerce and the distribution of roles and identifying relationships between clients, brokers, developers and business partners. In addition to it to make the electronic business transactions and trade through the sale or the purchase of products and services and information.

## - E-marketplace:

The revolution in digital communication technologies has developed a new concept of the economy is the digital economy, and also called the internet economy, the new economy, or the economy of the web. This definition is the expression of a commercial market represents the exchange of products electronically and a forum between the seller, the buyer and promoter of different products. In addition to the financial operations and the exchange of electronic information through the internet.

## - Network Marketing:

It is the expression of commercial marketing of products through internet applications that will help to keep the business partners or friends or people who share specific concerns through research needs and desires of the individual products. Thus, through direct sales between individuals and by product definition and to promote a commission through a social network of all distributors and recipients. The web marketing network was named the company of people means that anyone can relay this business and become the director of an international company at a local or international distributor to provide a service to a network of customers and commissions. Network marketing is the abandonment of the parent producers of the products to bear the burden of administration and sales promoters in favor of their product in exchange for equipment to be determined according to the number of customers and the commission polarizer's obtained by the distributor.

# - Partial e-marketing (Click and mortar):

Tables.1. The digital economy is a series of economic, social and cultural activities that are performed online and are related to the use of information and communication technology (ICT).





Grace to these statistical tables, we observe an upward trend in the use of information and communication technology (ICT), as well as investments in this filed particularly in developed countries such as France and Japan. The Digital economy is convergence of economy, informatics, (tele) communications, computing and digitalisation. It is based on intangible resources such as information, innovation, creativity, etc (Zupan G (2016)). The main elements of digital economy are digitalisation and livel of ICT usage, conversion of information into market value and new ways of organising the economy, business processes, work and production. Growth of digital economy has an impact on the entire economy. More intensive ICT usage, and the changing of consumer habits demand that entreprises and organisations adjust to new conditions and exploit the advantages of the digital world. In this sens, The partial electronic marketing is the most common combination of traditional, digital economy, ICT and e-commerce trade, where the operation of electronic commerce is divided into two parts the first electronic part and the second concrete. While the product that the promoter combines two types of trade.

- Interorganization information systems

These systems represent the exchange of information and control by the electronic link between companies or organizations. The fundamental purpose of this remote electronic transaction is to perform effective way of operations such as sending financial orders, payments of invoices and bills of exchange and bank checks through external networks. Relations between the parties involved in the internet for a key aim of simplifying financial transactions on the local or international level. Electronic marketing, bringing together sellers and buyers to tender and climb in prices and operationalize the system of remote electronic payment. The difference between the systems between institutions and electronic markets is that the first applications using corporate companies and the second users corporate applications to companies and consumers corporate applications.

- Intraorganization information systems:

We can see from the statistical tables 2. Access to broadband and broadband subscriptions in the wireless or fixed telecommunications system, as well as the use of these means for business and commerce, as well as the increasing number of households that have extensive communication especially in France, Japan and Germany. communication technologies have provided the electronic marketplace and remote payment system between several commercial entities and often include a particular company and their supplier and consumer. These systems of information between the institutions through special and commercial communications networks can sellers and buyers organize daily business relationships. We can divide the types of information systems between institutions:

- Electronic Data Interchange EDI
- Extranet
- Electronic Funds Transfer
- E-Application
- Telecopy and Email
- Basic Information Decomposed
- Supply Chain Management

These electronic systems that provide the latest services through digital communication technologies are considered to simplify transactions for companies to companies or organizations to companies or companies to organizations or companies to consumers. In addition to trade through the reception and the storage and transmission of common data between companies and their customers and suppliers through the promotion and the applications of e-commerce.

Marketing Models:

The working models of application e-commerce of electronic commerce is centered on support services to electronic market and organize trade and relations between sellers, buyers, the administrative relations public, the announcement and the promotion. The infrastructure of telecommunications and information technology companies comprise a common working model. Therefore we can determine the structure and characteristics of a model of this work, and this model by common recipes. These models are divided into:

- Transaction fees model
- Subscription model
- Advertisement model
- Affiliate model
- Sales model

These models represent a marketing strategy by modern techniques of commercial communications governing remote financial transactions, subscriptions and paid advertisements, promotion and sale of products and services. The common revenue models represent the model of global electronics companies and to make profits and revenues for the survival of the electronic market.

# IV. CONCLUSION

The digital economy is not a totally new economy, but rather the whole of new ways to accomplish the usual economic and social activities through the use of information and communication technology (Georgiadis C.K, Stiakakis E and Ravindron A.R (2013)). Historically, the commercial Marketing or, rather, it called the electronic marketing is considered such as the commerce of XXI eme. As it is explained the genius of electronic marketing Kotler in his book the importance of marketing to acquire customers and intermediaries or promoter by commission responsible to the operation of the sales and marketing. The internet usage is not limited to only home, workplace, school, etc, or the access via fixed internet connections. Persons access the internet with mobile devices (laptop or tablet computers, mobile or smart phones, e-readers, smart watches) via mobile internet connections anytime and anywhere (Zupan G (2016)) [10]. Mobile internet connections enable connectivity anywhere and thus access to information anytime and anywhere. Ever faster mobile internet connections enable the development of new services and change the every day life and operation of enterprises. The marketing has helped by the network of the internet companies global electronic targeting a broader market and more large and access to its products and its services to the largest database of

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customers directly or through the intermediary of the proponents by the commission and do so in a more simple and less expensive.

The new technologies of communication among the millions of daily lives on the internet have contributed to the development of the system the commercial marketing of the products of companies global electronic. Electronic commerce has become the culture of the digital society which has become buys and sells through the largest global sites, as well this trade has developed through the relationships between companies, consumers and the government. The electronic commerce depends essentially of commercial transactions by the sale and purchase direct or through an intermediary, as well as to the growing demand of modern products to meet the needs and desires of consumers. If you wanted to make a project without capital or for a modest cost, then you must learn to create sites and electronic shops and be qualified to an experience of the trade of the XXI century. If your sites and your attractive shops and organized and clean and therefore you received to the financial benefits of considerable legitimate way and legal. In addition to concentrate on the marketing campaigns that are important factors to attract the customers and the direct sales or electronic. The evolution of electronic marketing via the marketing mix to give real opportunities to electronic traders and global corporations to diversify the products and services, price fixing and localization and facilitated the distribution, of the announcement and the promotion and advertising and to develop the research on the market. This area helped to reach the largest possible number of customers at a lower cost and to communicate directly with them. The commercial marketing thanks to the methods and mechanisms for the promotion and to define a global concept obviously to the objective of the company and its relations with all the parties in the electronic market. These objectives include a division of the market, target markets, positioning in the market and of the analysis of the marketing strategies and to control the types of marketing. These methods and mechanisms represent the fundamental objective thanks those can companies global electronic to respond to the needs and desires of clients so as to bring considerable profits. In addition, mechanisms for promoting represent the source of development the system of electronic business, the electronic market open and marketing in the web network, the trade in detail, information systems and models of common revenue. If it has won the bet of the market, you will earn profits through an increase in customers and to obtain a commission in exchange. All world reports show that electronic commerce has become in exchange by the billions, in addition to the major electronic financial transactions between traders and buyers. The exchange electronic trade opens the way to the electronic globalization and the development of the new communication technologies and the

digital economy to all countries of the world. Therefore to be in success in this area, you will not be alone or isolated the source of wealth is your customers and your language and your relationship with buyers and persuade them by your product promotion, and intended for the sale. It must be friction should the holders of expertise and professional experience in this field and to learn about them and to benefit from their experience. The rich of the new word are the electronic traders because they have all the companies and all the products which innumerable and without capital so they can the sale of thousands of products per day. The traditional trade has need of capital in the transaction for the purchase of products, a local commercial, customers and an administration, distribution and accounting and therefore this trade is considered limited and costly and non cost effective in relation to global electronic commerce.

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Ethical Approval and Consent to Participate	No, the article does not require ethical approval and consent to participate with evidence.
Availability of Data and Material	Not relevant.
Authors Contributions	I am only the sole author of the article.

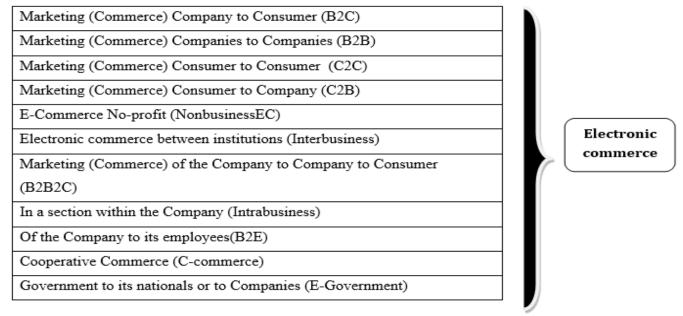
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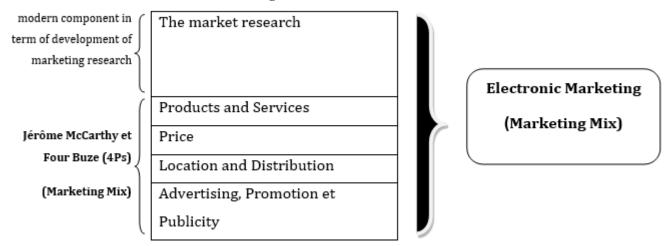


#### Annexes



Source: Foued Sabbagh (2017)

Fig.1. Electronic commerce



Source: Foued Sabbagh (2017)

Fig.2. Electronic Marketing (Marketing Mix)

Philip Kotler	Segmentation of the market Target of markets		
(STP)	Positionnement in market		
	Analysis of Clients		M-d-1-6
Strategies of Marketing	Analysis of Company		Methods of promotion
(5C's)	Analysis of competitors		
	Analysis of collaborators		
	Analysis of content		
	Types of Marketing		

Source: Foued Sabbagh (2017)

Fig.3. Methods of Promotion



Electronic business (E-business)

Electronic marketplace (E-Marketplace)

Network Marketing (Network Marketing)

Partial electronic commerce (Click-and-mortar)

Information systems between institutions and electronic markets (Interorganization Information Systems)

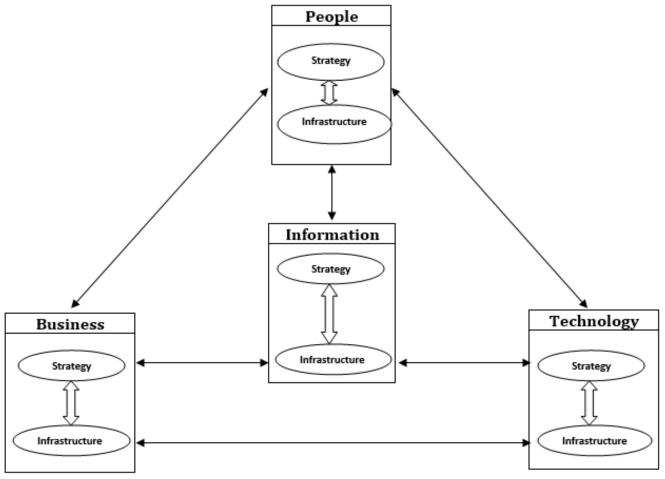
Information systems between institutions

(Intraorganization Information Systems)

Models shared revenue (Marketing Models)

Source: Foued Sabbagh (2017)

Fig.4. Mechanisms of Promotion



Source: Lina Zhon, Ping Zhang and Hans-Dieter Zimmermann (2013)

Fig. 5. An Integrated View of Social Commerce Research



Source: Yao Zhong (2012)

Fig. 6. A concept Model of Social Commerce



# Tables.1. Information and Communication Technology (ICT)

# 1.1 . ICT Value added

Country/Ye	ar A	AUT	I	BEL	CAN	CZE	DNK	FIN	FRA	DEU	GRC	HUN	ISL	IRL	ITA	JPN	KOR	LUX	NLD	NOR	POL	PRT	SVK	ESP	SWE	CHE	GBR	USA	EST	SVN	OECD
20	11		3,784	4,494	5,:	5,72	5,208		7 5,	5,139	4,92	7,35	4,322	11,932	4,94	8,077	9,578	7,046	5,09	3,868	4,106	4,094	5,872	4,563	6,833	7,447	7,369	7,109	6,949	4,713	6,004

Source: OECD

1.2 . ICT employment

Country/Year	AUT	BEL	CAN	CZE	DNK	FIN	FRA	DEU	GRC	HUN	IRL	ITA	JPN	LUX	NLD	NOR	PRT	SVK	ESP	SWE	CHE	GBR	USA	EST	SVN	OECD
2011	2,936	2,671	2,605	3,247	4,437	6,427	3,33	3,941	1,846	4,936	5,247	3,15	4,737	4,426	3,541	3,309	1,879	3,335	2,656	4,492	5,363	4,267	3,797	4,389	3,368	3,7

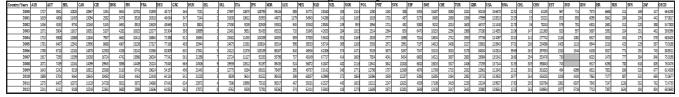
Source: OECD

1.3 .ICT investment

Country/Years	AUS	AUT	CAN	DNK	FIN	FRA	DEU	IRL	ITA	IPN	KOR	NLD	NZL	ESP	SWE	CHE	GBR	USA
1985	12,46545	9,169517	11,06016	20,79865	2,798417	12,22104	13,25454	6,625801	10,71491	7,367463	9,413975	12,05999	13,2586	13,98335	15,04196	13,47824	13,94763	21,45438
1986	13,93953	8,871909	11,53996	19,93597	3,444224	12,39109	13,09243	5,789756	11,60053	7,922849	9,202438	12,27686	15,57856	14,57282	15,43408	13,70828	15,59967	22,6436
1987	14,14243	8,631163	12,52035	20,83263	3,598105	12,65487	13,3633	6,103586	12,232	8,356115	10,04053	12,8523	14,91048	15,16134	15,80401	13,63599	15,80262	22,92677
1988	14,28999	9,772236	12,40965	15,95658	3,79193	12,62666	13,65549	7,735976	12,58228	8,960974	9,440109	13,47698	16,33011	15,11891	16,47545	13,66174	15,9304	23,37558
1989	15,34871	9,748974	12,56532	17,22341	3,893099	12,63232	13,79488	7,443723	12,31637	9,411935	8,931326	14,5972	18,52424	14,55102	15,48188	13,48609	16,18097	24,09065
1990	16,22827	9,804382	13,22704	17,75518	4,865744	11,9079	13,97038	6,085564	12,15081	9,089892	8,403208	14,70597	20,47944	13,69028	15,2119	13,48156	15,93475	23,8235
1991	18,06236	10,17385	14,2392	18,33673	6,489717	11,50943	13,75591	6,645843	12,17319	9,326125	7,526111	15,30192	22,48203	12,46535	16,80417	13,26068	18,20753	25,41451
1992	19,52667	10,04182	16,11444	18,37187	8,920267	11,76853	13,12543	6,615519	12,52998	9,444063	7,27434	15,0519	22,14974	11,62012	19,83039	13,83947	18,5102	26,87302
1993	18,94611	10,15263	16,93998	21,2854	12,25767	12,48247	13,20642	6,910261	12,91146	9,487477	7,181278	15,69932	19,67615	12,5653	26,44925	14,67357	19,06223	26,75113
1994	18,22492	10,81663	16,37908	21,26985	14,81294		13,03926		13,52693	9,487759	7,749645	16,37263	19,87493	12,86528		15,27669	20,82338	26,60711
1995	18,47078	11,25791	16,77352	19,72702	17,29159	13,887	13,29467	11,11246	12,96403	10,61348	9,296171	15,69783	18,94381	12,5073	24,84148	14,03459	22,98488	27,17379
1996	19,23341	10,7935	18,03033	18,52495	12,8957	15,46667	14,1195		13,66055	12,6221	9,993333		18,87522	14,56187	24,08433	14,59526	25,11871	27,78731
1997	20,44956	11,21908	17,51579	19,77524	12,3367		14,44019		14,80362	12,15022		17,94364	20,61516	14,4778				
1998	20,23534	12,61064	18,7651	19,48039	13,80964	18,70018		11,64346		11,99231	12,79183		24,36388	14,72177	27,75985		25,58335	29,28919
1999	21,51975	13,54934	19,90437	21,62197	14,59312	19,86494	16,46835	11,00513	13,86458	13,03914	15,7968	19,11492	23,28518	14,91094	28,79766	17,51743	27,18326	30,97586
2000	24,0155	13,37829	20,61107	19,94718	13,19869	19,23657	17,32103	11,04115	14,60102	15,04308	18,02916	19,85098	26,13139	14,66577	30,33664	17,23358	30,02729	32,60111
2001	22,54178	13,99849	20,19332	19,20074	11,74204	20,51282	17,51308	11,17843	13,63651	15,08194	16,99673	19,9392	22,31824	14,27924	27,90616	17,76348	28,03881	31,15105
2002	19,88743	14,52103	19,2329	22,01632	11,10097	19,21937	16,64899	9,275265	12,33842	14,8342	15,70482	19,12895	21,09387	13,8038	26,1875	18,88256	26,46331	30,33779
2003	19,65725	13,13209	18,75371	22,05129			15,06852	9,103434		14,84725	13,23979		21,82578	13,60955		18,2971		
2004	17,30095	12,38379	18,53839	23,7141	14,44915	17,63902	14,52497	8,994478	11,45601	14,63961	11,91097	21,28448	21,65919	13,31799	24,76572	19,0146	25,00276	
2005	15,33718	11,88726	17,59781	24,80212	14,98808	17,45081		7,527052	11,66963	14,30709	12,23533		21,6027	12,7137	25,07846		24,60004	27,779
2006	14,63537	12,10717	16,81314	24,50639	15,43311	17,02811		8,984832		13,45308	12,37351		22,31121	12,72055				
2007	14,21203	12,28721	16,65547	24,57366	14,27948	16,23711		8,871742	10,74138	13,39941	12,14019	19,54825	22,41765	13,13256			23,7657	26,31124
2008	13,78564		15,86403		12,82297	16,22285		7,546465	10,4188	13,5321	11,71829		22,86724	13,63852				26,42381
2009			17,47223		14,42818	16,33962		11,2979	10,9079		11,35816		21,61938	13,70693				30,61006
2010			17,01837		15,51983		12,69039	12,41281	11,02606		10,71603		21,23818	13,76342		18,50669		32,13784

Source: OECD

1.4 .ICT goods exports



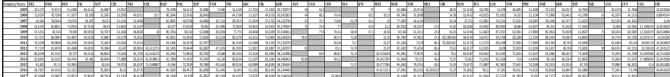
Source : OECD

1.5 .Access to computers from home

Country/Years	DNK	DEU	12	PN	CZE	FRA	HUN	SVN	AUT	POL	E.SP	TUR	CHL	GRC	IRL	NDR.	NLD .	AUS	CAN	FIN	USA	MEX	NOR	SVK	CHE	BRA	ISR	ΠA	UX	PRT	EST	BEL	SWE	GBR	NZL	D/A	LTU	COL	CRI
2005				80,3	5											78,8840375		70	72			18,50			76,5		62,4												27
2006	84,974	76,855	8 84,612	80,1	39,039	5	45,30	4 65,263	67,068	45,412	4 55,8676		34,5	36,7012	58,5742	79,5944227	80,039	73	75,A	71,1027	7	20,62	75,350	50,0949	77,4		65,8	51,5822	77,2517	45,5876	52,0862	57,5354	82,4823	71,4986	7.	40,648	39,8406		25,2984314
2007	82,960	78,648	6 33,143	85	43,396	8 65,54	52,565	1 65,995	70,743	53,689	58,9435	27,308	2	40,1674	65,4871	80,4474333	86,3036	75	78,4	73,9631	1	22,12	82,4171	55,4297	79,2		68,9	53,3796	79,9669	48,3365	56,4735	67,1963	82,8719	75,3778		49,2205	46,2723		31,62
2008	85,458	8 81,819	91,921	85,5	9 52,413	8 68,35	57,186	6 65,119	5 75,946	58,872	8 62,1818	33,391	1	44,0037	70,3481	80,9219782	87,7319	78	79,A	75,7674	4	25,65	85,8021	63,2266	81,4	24,6	71	55,9745	82,8419	49,843.2	58,8312	70,0005	87,0993	78,0062		56,6547	52,0273	13,1234475	34,429729
2009	86,234	4 84,093	92,459	87,2	2 59,586	3 74,22	8 61,362	6 71,236	74,462	66,085	2 65,3394	37,404	8 43,9	47,3287	72,8382	81,4271125	90,7532		81,7	80,1388	5	26,76	87,594	64,0456	82,5	32,3	74,4	61,2675	87,9817	55,9881	64,0047	71,1498	87,5799	81,1916	8	60,111	57,344	14,932810	38,0076884
2010	88,034	9 85,740	6 93,05	83,4	64,056	75,44	64,45	7 70,46	4 76,189	69,021	2 67,4256	44,226	5	53,3865	76,464	81,842274	91,9733	82,57		81,9856	74,8	29,75	90,940	72,1756	83,6	34,9	76,7	64,5964	90,2148	59,4949	68,3044	76,7229	89,502	82,5671		62,7755	59,2257	19,233834	41,272255
2011	90,441	2 86,864	8 94,6	81	69,898	5 78,17	2 67,834	3 74,440	75,069	71,314	7 70,325			57,2357	80,5599	81,8813355	94,1582			85,1187	75,57	30,04	90,974	75,4321	84,89	42,6	78,2	66,1357	91,7325	63,7269	70,0402	75,8848	91,5874	84,5598		64,3118	60,2072	23,353880	45,3429691
2017	92,264	87,099	7 95,516	77,	67,286	81,01	22 69,747	9 76	1 81,303	73,361	72,5888	50,247	7 68,2784411	56,7914	82,7459	82,3076259	94,505			87,5615	78,87	32,19	91,8971	78,8125	36,6	45,8	80,38	67,0906	92,1312	66,0973	74,3429	80,3305	92,293.6	87,2189	7	69,5155	62,1365	38,5175490	48,9616083
2013	93,082	5 88,874	4 96,710	81,7	7 73,867	2 81,55	71,396	8 76,356	80,850	74,744	73,3339	49,819	56,4418268	59,5484	83,5992	80,6017618	95,1694		85,6	88,7494	72,03	35,79 28577	98,2836	80,0754	88,6	48,7	80,72	71,143	94,2733	66,6784	78,9933	81,8651	91,8984	88,2038		71,7296	65,8774	42,174718	51,008801
2014				71	5								60,2919603			75,2458952		82,96				38,2920148			90,25	50,5	81,25											44,466585	52,3059934
2015	92,275	1 90,993	6	76,1	8 78,937	7 81,54	14,975	4 77,7%	9 82,136	77,937	\$ 75,8652	50,557	9 56,3965693	68,5681	83,5441	77,067676	96,2008			89,3321	1	44,9111139	96,4725	80,4795		47,9	80,3	72,5436	95,3357	71,305	87,8821	82,0915	88,25	89,8955		76,3467	67,6400	45.5	53,2
2016				73	3											75,286306						45,5930297				41,5343877	78,08												
2017	98,136	92,869	6 97,297		82,181	5 84,1	3 79,674	8 79,50	85,373	31,776	9 78,385	49,393	9	70,5005	83,7578	74,707838	97,5108			93,4973	3		94,905	81,7991				72,502	95,4483	71,4912	35,909	85,1191	92,8164	91,6684		77,3898	73,0092		

Source: OECD

1.6 .Internet access



Source: OECD

Tables.2. Broadband access

# 2.1. Wireless mobile broadband subscriptions

Country/Yea	s AUS	AUT	BEL	CA	N	Œ	DNK	FIN	FR.	A I	DE U	CRC DAD	HUN	ISL	IRL	ITA	PN	KOR	UX	MEX	NLD	NZL	NOR	POL	PRT	SVK	ESP	SWE	CHE	TUR	GBR	USA	CHL I	ST	ISR.	SVN (	COL	LVA	0ECD
20	9 12,95	52 21	,305	5,698	0	3,533	29,6	62	17,045	27,078	0	12,376	6,13	30,318	37,956	19,562	73,96	86,731	22,531		0,003	4,169	66,313	42,734	21,55	15,342	35,529	70,001	35,24	3,419	32,075	45,685	3,542	1,673	53,793	0	9,541	18,276	32,305
20:	0 55,92	34 33	(015	9,561	29,482	5,157	63,90	20	30,578	35,545	26,406	25,056	7,775	45,632	44,458	38,211	76,311	95,777	49,99	4,215	38,019	38,668	65,351	47,998	24,271	20,79	27,496	83,812	43,815	9,889	43,461	61,014	8,445	17,459	48,63	24,192	26,081	36,365	43,755
20:	1 91,59	32 46	,003	3,959	35,395	38,155	83,50	06	65,383	42,492	35,628	30,565	17,197	57,942	58,72	44,916	81,93	102,124	63,883	12,45	52,519	66,254	62,763	49,673	27,7	32,352	54,53	97,267	50,7	19,89	53,579	77,593	17,966	42,308	51,526	29,019	35,731	40,921	55,746
20	2 101,78	53	,056	2,915	45,522	45,009	97,33	36	87,92	49,992	41,799	34,631	23,159	71,5	64,036	50,361	25,42	103,036	79,417	20,914	61,181	71,127	79,252	58,026	33,059	35,427	53,402	104,786	54,836	26,329	64,961	85,078	25,272	73,339	51,229	35,34	13,69	54,462	62,33
20	3 112,78	33 64	479	1,507	51,682	53,288	102,26	64 1	12,888	55,437	54,786	36,601	26,476	75,997	67,525	60,828	111,97	103,33	86,063	29,236	64,208	84,993	84,344	54,532	37,272	50,428	67,326	109,964	70,471	31,902	74,374	94,076	35,656	90,57	50,521	40,257	22,784	74,297	71,972
20	4 114,21	18 67	,056	7,723	54,242	68,073	109,63	32 1	29,055	64,794	64,922	41,496	34,267	86,806	82,081	71,648	124,14	106,599	84,184	42,98	68,997	97,948	87,997	55,292	49,052	59,90	78,055	115,552	96,376	42,236	82,146	104,723	49,902	114,154	49,805	45,968	37,419	73,415	81,601
20	5 113,68	33 68	1,073 6	6,417	61,421	73,609	118,48	81 1	35,421	73,907	71,665	45,774	40,096	95,229	96,779	82,702	138,825	107,794	83,871	52,825	76,585	108,023	99,309	61,549	53,308	67,973	84,071	120,52	99,198	50,442	90,325	115,746	55,736	110,093	50,138	50,869	43,03	80,06	90,726

Source: OECD



## 2.2. Fixed broadband subscriptions

Country/Year	AUS	AUT	BE	EL (	CAN	CZE	DWK	FIN	FF	la D	EU EU	GRC	HUN	ISL	IRL	ITA	JPN	KOR	LUX	MEX	NLD	NZL	NOR	POL	PRT	SVK	ESP	SWE	CHE	TUR	GBR	USA	CHL	EST	ISR	SVN	OEOD
200	9 23,8	13 7	1,499	29,044	30,599	19,40	7 36	.997	29,332	30,562	31,034	17,256	18,76	33,535	21,18	8 20,27	24,72	33,24	29,185	8,386	37,098	23,82	34,588	14,578	18,29	5 14,30	21,23	31,661	35,744	8,864	29,483	25,036	9,775	25,368	23,473	21,626	23,326
201	0 248	v :	3,187	30,995	31,81	21,50	7 38	.045	29,057	32,681	32,587	20,255	20,578	34,34	22,36	9 21,82	26,572	34,79	30,718	9,850	38,099	25,845	35,25	15,997	20,27	15,1	23,15	31,957	37,883	9,764	31,25	27,282	10,465	25,097	23,856	22,966	24,782
201	1 249	48 3	34,456	32,281	32,838	23,78	2 38	,478	3Q399	34,822	33,917	22,191	21,975	34,975	23,39	22,50	27,275	35,87	31,501	10,625	38,925	27,556	36,05	17,154	21,34	2 17,65	24,36	32,008	40,058	10,255	32,753	28,291	11,648	27,348	24,204	34,083	25,81
201	2 25,	51 :	5,218	33,4	33,621	25,27	7 35	959	31,16	36,557	34,725	24,35	22,994	35,36	34,22	7 22,66	27,677	36,50	12,107	11,177	39,721	29,550	36,916	18,256	22,77	2 29,33	24,50	12,25	42,25	10,506	34,285	29,435	12,414	25,374	24,699	34,764	25,544
201	3 25,3	56 2	25,308	34,479	34,386	25,55	2 40	,485	31,623	37,836	35,495	25,568	24,273	35,25	25,84	2 22,91	28,095	37,31	32,534	10533	40,44	30,67	37,613	3 17,987	34,55	7 20,48	25,1	32,78	45,147	11,077	35,577	30,309	13,011	27,33	25,124	25,471	27,333
201	4 27,6	21 :	7,554	35,952	35,362	28,7	5 41	.498	32,163	39,221	36,517	28,975	25,155	35,52	ש,ש	7 23,60	28,775	38,07	33,602	10,89	40,627	31,355	38,488	17,989	27,47	5 21,98	27,62	33,838	47,595	11,572	36,733	30,645	13,959	28,196	25,292	25,727	28,072
201	5 28,1	02	3,488	36,756	36,323	28,17	5 4	404	31,556	40,401	37,637	31,673	27,632	37,65	25,20	8 24,69	29,66	39,56	35,203	12,196	41,289	31,875	39,444	18,624	30,33	8 23,49	29,17	35,69	49,742	12,272	37,886	31,773	15,071	29,249	25,94	27,333	29,16

Source: OECD

## 2.3. Business use of broadband access

Country/Years	ESP	SWE	IRL	NOR	AUT	FRA	LUX	PRT	HUN	CZE	EST	ISL	DEU	NLD	GBR	POL	SVN	SVK	TUR	ITA
2004				58,6585899	55,1508496													24,448672		
2005				75,9919493	61,4661084								61,2353512			42,5719628	74,4245524	46,2328196		
2006				84,0026766	69,8105174					69,4212595	75,3234609		72,5127296			46,7174446	75,1428571	59,8855464		
2007				83,87151	73,3592086				66,9761011	76,9605522	78,0577116		78,3154268			53,6240346		74,4928831		
2008				84,3592252	76,93522				70,3659132	79,3277519	87,5333652		83,4575383			59,1219091		73,7248603		
2009	93,0359558	88,2989192	76,1060167	88,2820558	76,0060849	91,6773446	88,0339383	81,7049643	74,1931813	77,3099472	86,081054		87,8958623	86,3837109	84,9411572	58,4674744		78,3666304		82,9227478
2010	95,4386716	91,4051806	86,8352843	86,9185705	82,0584534	93,3116429	87,9118928	84,7482757	79,608631	86,5242377	88,0794265	95,4315481	89,3420922	90,9315497	88,025484	69,3426006		78,3204407	88,8636022	84,1231653

Source: OECD

## 2.4. Households with broadband access

Country/Years	PN	NOR	SVK	AUT	CZE	FRA	IRL	KOR	FIN	DNK	ISL	DEU	AUS	USA	CAN	CHE	EST	PRT	GBR	BEL	SWE	HUN	LUX	SVN	ITA	NLD	ESP	POL	TUR
2000								30,2723059						4,															
2001								56,4202698						9,	21,6														
2002	16,6							67,9561246							29,3														
2003	31,1	22,8939833		10,2853375	1,47637795		0,61617659	66,0112066	12,3714456	25,072395		9,33150749		19,	35,5	11,4		7,87238656	10,6937222				7,35401767			19,9657383			
2004	40,4	30,0134805	3,5518585	15,9234941	4,4505 2299		2,89008455	85,7382452	21,2871741	35,8149518	45, 437 8445	18,0065291	15,3		44,1		20,3119548	12,2993585	15,8172033			5,79581077	16,2677132	10,1960821		31, 278 099 4	15,0454376	8,27536921	0,22919769
2005	42,1	41,4355175	7,11642651	23,140352	5,06132417		7,39159055	90,7781092	35,0882757	51,1789832	63,4669774	23, 2447 572	28,3		50,1		29,765287	19,7211663	31,5439373	40,5503876	40,1798209	10,9393398	33,4079041	19,4202198	12,9498666	53,8705064	20,7540765	15,5867928	1,73224437
2006		57,0696472			16,5826668		13,0666509				72,0759003		43		57,9	52, 7863		24,0068397									29, 297 0956		
2007						42,9018566							52	50,	54,2	63,0007		30,4211433									39, 228 5005		16,5457443
2008		72,9764737				57,0996663							62		66,9	70,82		39,3449326									44, 520 2498		22,0250549
2009	63,4	77,7683386	41,7273755	57,8027426	48,8913545	57,4889098	53,7193132	95,9048513	73,7381521	76,0457033	85,7288852	54,584887		63,	72,2		61,981381	46,1581345	69,4570216	63,3981918	79,4893485	50,9424504	71,0810413	56,1491282	39,0042026	76,9742018	51,3405835	51,1428145	26,2320882
2010	63,4	82,5727048	49,351182	63,7001924	53,6004102	66,8382161	57,519084	97,4735835	75,8023871	80,1021219	85,9547159	75, 201 315		68, 2			64,4506465	50, 316 408		69,9525382	82,5522846	52, 2095 484	70,3293683	62,0208367	48,8542015	79,5110884	57, 351 7488	56,8012103	33,6883661

Source: OECD

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