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A Review of Innovation and Smart City Concept

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Abstract: Smart city is an output of technology, innovation, sustainability, urbanization and planning. In this century it is a key factor for an effective and efficient transportation. In this paper firstly background for and point of view of smart cities are reviewed. Then sustainability perspective isgiven. After these, smart city and its concept are evaluated. Lastly conclusions are shared.
Keywords: City, concepts, efficiency, necessities, transportation

1. INTRODUCTION

A good reading of Modern and Post Modern Processes will bring about a serious evaluation of the saying 'we will take the good aspects of the West, we will not take the wrong side and we will form a synthesis from it', which has been continuously expressed in different social segments for the last two centuries. For; Let's not be involved, we must perceive the West's Philosophical-Sociological Story very much. It; will bring with us our definition of our party. When we look at historical experience, it shows that there is no reality in which life at all has been completely broken apart blocks, East-West, North-South. Certainly there are authenticities, but it is a case of society-civilization relations that continually push-pull-interact-transcend each other. Such that: The experience that the West has revealed and that all Geographies have voluntarily and reluctantly driven with positive and negative arguments; it has a story and a background. On this story; It is a fact that the West's social-technical-cultural 'dark ages' are very well read by our Andalusian, Seljuk and similar Civilization Experiences. These readings, apart from the right side and the wrong, seem to have followed a certain stage of what the West has learned from these readings in a certain period of history. For; Islamic Civilization; it was not only a military sense but a political-cultural-economic-philosophical confrontation with them that they had read through the Civilizations of China, Hind, Asia, Persia, Rome, Helen and Egypt that they had encountered in different centuries. By overcoming them and revealing their own self, Safevi, Seljuk and Ottoman examples. While this is the case; on the other hand, we live a time when the center of gravity of the West's techno-economic superiority in the last century is sliding away from Far East Asia and South Asia. The West 's Philosophy is facing a new crisis, and the' multiculturalism 'has been seriously injured. Here; At the same time, this new process 'Technical Developments' cannot be read better, we can perceive and evaluate it more refinedly, and it can be done by itself, as well as being an important headline and questions which the West has realized with which technical development, it is a historical periodic that will preempt the important opportunities that have never existed in the last two centuries, in order to integrate with our perspective and not to buy our own intellect [1].

2. SUSTAINABLITY

In this sense; the construction of the High Speed Railways in Europe is part of the European 'Sustainability' agenda and meets very seriously in modal distribution at 20-30-50 year targets. The same process is experienced most effectively in Japan, South Korea and especially the People's Republic of China in recent years. In this context, During the Barack Obama period in the U.S., we are seeing the 'High Speed Railways' paradigm, especially in the Southern Provinces. 'High Speed Railways' as part of 'Sustainability' and therefore 'Intelligent Transport' are integrated with 'Silk Railway' in a wide area from China to London, and in this center of the line and understanding, our country is not a bridge it will take its place as a main junction and meeting point. The point that Alternative Energy and Renewable Energy issues integrate with 'High Speed Railways' is very munificent (efficient), virgin and opportunities.

Public transportation 'ın governance, supervision, preferred road applications, development of taxi call center applications, service based development of individual services, integration between modes etc. all the headings should be turned into explorations of our own 'perspective' as arguments for 'Smart Transportation', strengthened by issues such as social direction, fair share view, healthy socialization instead of individuality, human oriented investments, strengthening of control and security [2].

Our country as a whole is; is today poor for oil and natural gas resources and is at the center of the main crossroads for the transfer of these resources from the South and East to the West. In this context; there are many pipeline projects signed and waiting to be signed. All of these projects include a wide range of parameters, including economic-social-political-security outcomes. Turkey; aims to strengthen this whole position further and aims to turn to alternative and renewable energy sources on the other side and it is starting to do important work in this context.

3. SMART CITY AND SMART CONCEPT

In this sense, we will be able to talk about 'Intelligent Politics' with clear lines including 'Smart Cities, Intelligent Transportation, Intelligent Buildings, Intelligent Projects' and a wholesale 'Intelligence'. We must not forget; The most important phases of 'mind' are; "Being human-oriented", "being sensitive to the environment", "social justice precedence", "representing a local sensibility", "strengthening civil sensibility in people and in society". The thus; these structures will bring an organism to the field, will reconcile with the earth, will reveal a line of integration between the underground and the sky, will be based on the accessibility of mankind to 'civilization', Post-Modern The complexity of the process (chaotic structure) will increase the 'safety-reliance' coefficient as an antidote. Move from here; Smart Cities anticipate the mobility of people, not the tastes. Intelligent Cities provide accessibility, Human Focused provides 'optimization, integration, automation and activation' of service parameters such as security, cost, comfort, punctuality. Smart Cities; The roads do not open the tunnels to the squares, they open the squares to the people. Smart Cities; schools, associations, foundations, meeting places to the center of life and the city, Hospitals' Post Houses make the Government and Local Government Buildings accessible to the public, make the service accessible, green 'right now, in the neighborhood of the city center' Smart Cities; green buildings, green skyscrapers, street lights with diversified and multifunctional functions that work with alternative energy, and a 'modal system of transportation' that can be 100% auditable, measurable, recordable and direct [3]. Smart City; 'Land use' and planning 'wise'.In this; it is not the fields that are being conformed by the upper layer of the society in terms of economy and status, but that the social touch is strong and broad base, the areas that constantly produce and maintain the historical continuity and character in the urban fabric and are trying to realize the development process with their own dynamics should be preferred. This includes opportunities to form the backdrop and back of a horn that leans forward in its own perspective.Smart Cities; Diversification of Alternative Energy sources can be addressed within the context of the scope of expansion of their fields, as far as the coverage of the application area is up to 'Cityscapes from the Streets'. In this sense; Significant studies are being carried out on urban lighting and their application possibilities for our country should be studied in depth. In the title of 'Urban Lighting'; From 'street lamps' to 'intelligent buildings', applications of 'Smart City' have started to be experienced in a wide geographical area from Britain, North Africa, Qatar and Dubai, and preliminary studies should be started in our country.Energy, Transportation, Logistics, Urban Transformation and Integration need to work with the most active and highest mobility. In this; Central governments need to formulate the necessary background by the relevant regulations. In this sense; the realization of approaches and actions based on full integration between academia, market, bureaucracy and local governments is a priority. This includes, on the basis of all relevant parties (including the private sector); It is not a 'rant-based' but a 'human-focused' looking necessity.

Intelligent Cities 'and therefore Intelligent Transportation' s Alternative Energy and Renewable Energy cannot be regarded as independent and considered. In this terminology, 'intelligent' includes' service parameters' and 'human-focused' axial readings and actions' as far as possible from technical developments and possibilities. While this is the case; these conceptualizations; is a field in which we can fully embark on a philosophical, sociological, cultural-economic and, of course, technical basis with a possible perspective to develop. Alternative Energy and Renewable Energy issues have 'political-political-strategic' inputs and outputs directly from the fact that they are sub-headings of 'energy'. The thus; as it is influenced by these political geo-strategic processes, points to the possibility and possibility of directly formatting them. Move from here; it is a loop that feeds and nourishes each other and forms a 'network', and how much it will be a 'Smart Grid' is parallel with the scale and degree of our gaze and our depth. Alternative Energy and Renewable Energy Issues 'Sustainability' puts the whole agenda into a 'green, economically optimal, fair, social background' on the main axis. Actually; 'Alternative Energy' is an indication of a field of action that can carry 'head of energy' to a 'humanitarian center' from the conditions of 'violence-power centralization-status and money-oriented understandings-brutal competition'. When our country's natural gas and oil pipeline map, which is set out in Figure 2, is re-read on the axis of all these sayings, our country, which has become an important node in energy transportation, is at the center of a broad 'opportunity-threat' area as the Geography-Cultural Background[4]. All of this is an individualized understanding of the 'balanced distribution-different modes of integration' that we have often put forward in the most inclusive, intellectual sense of 'Transportation Axis'. These concepts; we can read in the

broadest terms 'balanced distribution = equitable sharing' and 'integration = vital integration'. It is aimed to evaluate the sources that we have used to perceive 'conflict and mass losses' in today's market terminology such as Oil, Natural Gas and Nuclear Energy together with sources such as 'solar energy, geothermal energy, wave energy, wind energy', Geography-Culture-Facilities-Policy one of the most important superiors on earth is the territory of our country and its center [5]. The '2023 Vision', embodied as a history that we will meet with new opportunities accelerated in a cultural-social-political sense, is more than adequate to integrate the possibility of evaluating all of the energy resources mentioned in the right place and in the right place with the future of our country. Figure 3 shows the Alternative Energy Sources in the World. We have the opportunity to create different applications of Smart Cities in cities such as İstanbul, Bursa, Ankara, Gaziantep, Samsun, Adana, Antalya and İzmit. In addition to having different application possibilities in different regions in Istanbul, 'broad applicability, human-centered approach and solutions addressing everyone' should be taken as a basis in the first place [6].

4. CONCLUSION

In this sense, all these stakeholders are at the same time subject to Benefit, Cost, Opportunity and Threats. While this is the case; the 'Win Win Formula' will be vital and exceedingly functional for all of us [7]. Therefore; this formula will lean on a direct cause-and-effect relationship with our 'Perspectives', which we are trying to elaborate in detail the construction processes, requirements, departments and parts of it. In this context; 'Boiler Win Formulation' provides the basic components we can put out [8]. These; We can put forward 'human-focused approach', 'sustainability', 'public-private partnership', 'integrated views and practices' and 'continuous alternative'. 'Continuous Alternative' title; we can open up as we do not get the reflection of throwing by worrying about the production of alternatives of every step continuously in the context of multi-modal and multi-plan viewpoint in the context of our geographical conditions [9]. This is the achievement of the reflex; we will be able to create opportunities to establish our own terminology in the course of time and to increase our ability to act in a philosophical, social, economic, cultural and political sense and to create solutions that surpass the Post-Modern Process and thus create a 'Civilization Wave' and offers a whole range of possibilities. If we want to meet the new situations that will prevail in the related dates in the framework of '2023 Vision' as active, energetic and solved their problems, we have to establish the relevant formulations and urgently to take action with solid steps and all phases (economic-political-cultural-philosophical-social). However, this meaning is in the pool; Channel Project, 'Crazy Projects', Interregional Transportation Network Projects, New Bridges, Squares, Highways will literally replace the local [10].

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