

ECONSCIENCE

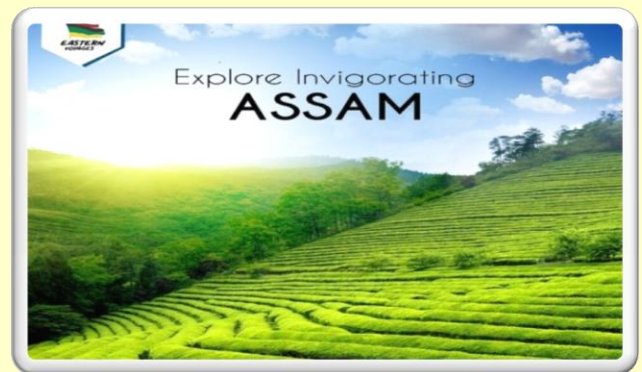
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ECONOMIC FORUM , DEPARTMENT OF ECONOMICS



TOURISM : A JOURNEY TO EXPLORE THE UNTAPPED BEAUTY OF ASSAM

As we know , Assam has a great potential for tourism business and with proper guidance and measure it could be transformed as a next bucket list destination, not only for Indian but foreigners also because of its natural beauty and cultural heritage. As Assam is blessed with all the natural beauty that a tourist wishes. From vibrant culture to enchanting vistas , this state is an amalgamation of everything that a discerning globetrotter could ever want .So indentifying this potential of tourism Assam government has taken many steps, introduced many facilities and many tourist attracting activities like in



recent day we all know that "The world's longest and one of its first kind a river cruise" started from Varanasi to Dibrugarh travelling from the Ganga to Brahmaputra and name of the cruise is "MV GANGA VILAS" which was flagged off by our honorable PM of India SRI NARENDRA MODI On 13th FEB, 2023 which will be a great tourist attraction and will increase the influx of income for the government of Assam and In the coming month of June, there will be Ambubachi Mela which will not only increase the tourism and income for the government but also for the people who are in the tourism industry as this industry is very profitable and employs a great number of people. The government had also introduced the Brahmaputra carnival in the middle the river where many people were allowed to set up their stalls

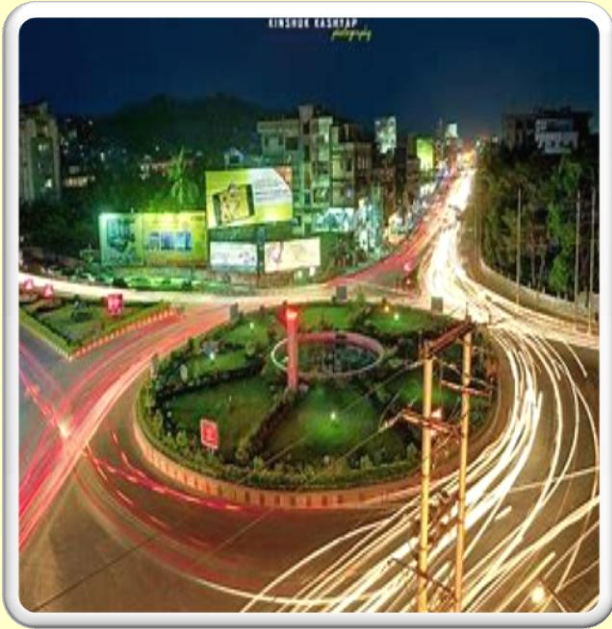
which not only increased the opportunity but also increased the tourisms, which benefited the people who have set up the stalls there. So if the government continues to introduce these kinds of activities and ideas, the tourisms will flourish in Assam and will solve the problem of unemployment and will also increase the income of the government and the citizens. WE are pretty sure that the government will not waste the gift of god and will fully utilize these physical features Of Assam to its fullest.



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GUWAHATI : THE FLYOVER HUB

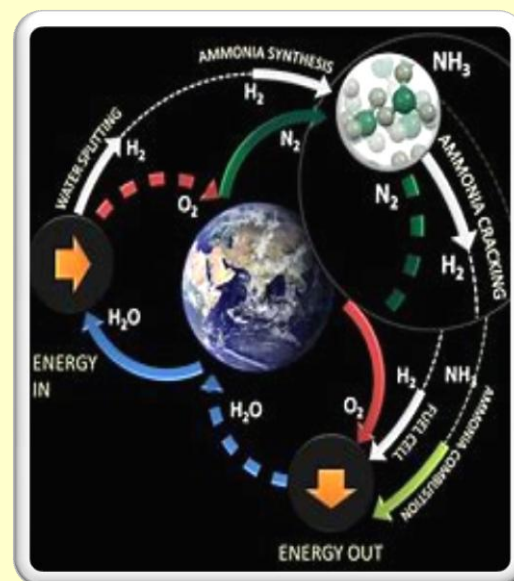
As we can see for last couple of years many flyovers have been constructed over the city and some are under construction and many other are yet to be constructed as the government has proposed to built them within the course of next 5 years time and we cannot forget about the second longest flyover that is proposed to be constructed over the city. So in our mind a question might arise how they are beneficial for normal citizens of the state?

Rather than they are causing much hindrance in carrying out normal day to day activities isn't it? But through an economical perspective, this is an investment on flyovers which are considered as capital investments, these investments will not only attract foreign companies but will also significantly improve the overall connectivity of the whole city as it will reduce the traffic jams which will eventually reduce the travel time. As a result of these investments many foreign companies will be interested in investing in Assam like in the recent news the international company apple inc has shown interest in investing in Assam by opening a production unit, if the talks went successful it will be a great opportunity for all the youths of Assam as it will generate massive job Opportunity.



So these investments will be considered as economy booster for any state or city or for a country. Assam also made a record in finishing a flyover prior 14 months before the expected date which is very impressive as we know these constructions works only extends but finishing it before 1 year is a great achievement for the government of Assam. So it is confident enough that Assam will become the "flyover hub" in the coming years which will not only boost the economy but will also reduce the universal problem of unemployment up to an extent.

IIT GUWAHATI'S HYDROGEN BREAKTHROUGH BY RESEARCHERS



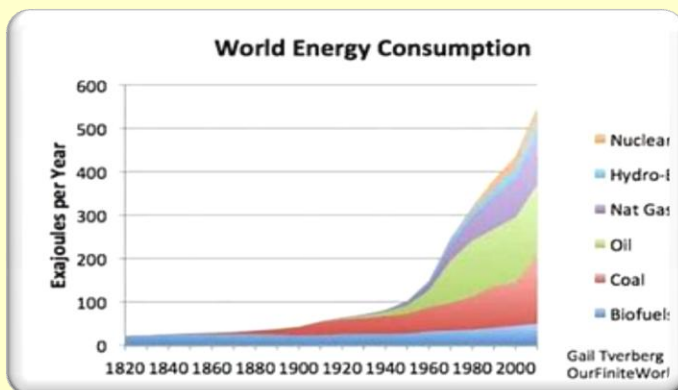
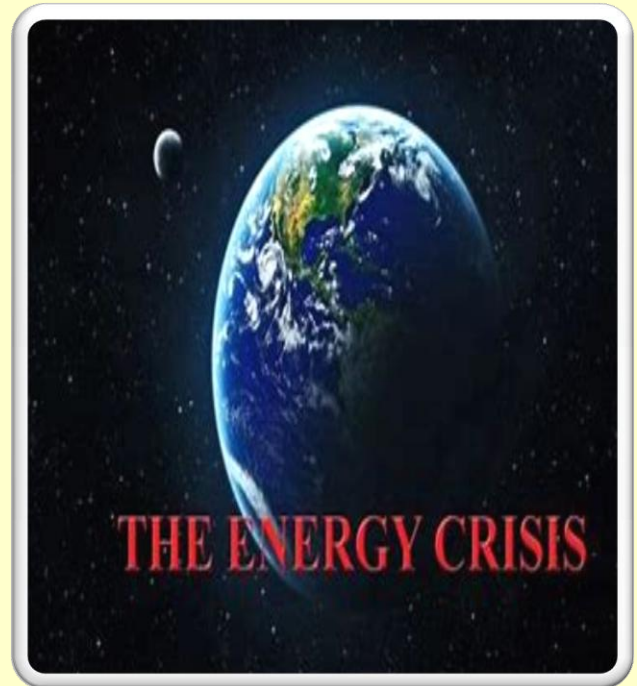
Researchers at Indian Institute of Technology Guwahati have developed a catalyst that can release hydrogen gas from wood alcohol, with no side production of carbon dioxide. The research team is led by Dr Akshai Kumar A.S. Beyond being an easy and environmentally safe process; the method produces formic acid which is a useful industrial chemical. The IIT Guwahati team developed a special form of catalyst called the 'pincer' catalyst, which contains a central metal and a few specific organic ligands. Thus, as wood alcohol is broken into hydrogen, formic acid is generated instead of carbon dioxide. Industrial potential of the research- Since there is abundant availability of cheaper organic chemicals like Methanol and it can be converted to Hydrogen using a cheaper catalyst at lower temperature and without the emission of carbon dioxide, it can be a major step towards fulfilling the dream of sustainable development.

DID YOU KNOW ?

The printing of INR 2000 bank notes was stopped in FY 2018-19 because the objective of introducing Rupees 2000 banknotes was met once the bank notes in other denominations became adequately available to the general public.

GLOBAL ENERGY CRISIS

The global energy crisis is a pressing issue that demands immediate attention in the energy sector. It is due to the world's heavy reliance on fossil fuels, coupled with the adverse effects of climate change, leading to a critical imbalance in the availability and sustainability of energy resources. Data is pivotal in providing insights, informing decisions, and driving transformative change in the energy sector. This article will uncover the current state of the energy crisis, unravel its causes and consequences, and explore how data can aid the industry in overcoming the crisis at hand and lay the groundwork for a future that is sustainable and resilient. It is clear that we need to find new ways of powering our planet sustainably.



The global energy crisis is caused by several interconnected issues, such as our dependence on fossil fuels, the uneven distribution of energy resources across regions, population growth and increased industrialization, and Russia's invasion of Ukraine. This has led to a dramatic shift in international energy trade that poses new

risks and requires addressing long-standing vulnerabilities. Governments are committed to moving to clean, renewable energy, but this transition is taking place against that backdrop. To keep pace with changing macroeconomic conditions and market needs, companies must improve the efficiency and yield of their conventional and renewable energy assets and effectively use data to expand their operations.

FACTS AND FIGURES

India's power consumption surged 10% to 1375.57 billion units during April – February this fiscal year and has already surpassed the level of electricity supplied in entire 2021 - 22