

07– 10 – 2022

News: ‘62% rural houses have tap water connections’

- Around 62% of rural households in India have fully functional tap water connections within their premises, according to a survey commissioned by the Union Ministry of Water Resources to assess the functioning of the government’s marquee Jal Jeevan Mission.

Jal Jeevan Mission

- Jal Jeevan Mission (JJM) envisages **supply of 55 litres of water per person per day to every rural household** through Functional Household Tap Connections (FHTC) by 2024.
- JJM is launched by **Ministry of Jal Shakti**.
- JJM focuses on **integrated demand and supply-side management of water** at the local level.
- **Creation of local infrastructure** for source sustainability measures as mandatory elements, like rainwater harvesting, groundwater recharge and management of household wastewater for reuse, would be undertaken in convergence with other government programmes/schemes.
- The Mission is based on a **community approach to water and includes extensive Information, Education and Communication as a key component of the mission**.

- JJM looks to create a Jan andolan for water, thereby making it everyone's priority.
- Funding Pattern: The fund sharing pattern between the Centre and states is 90:10 for Himalayan and North-Eastern States, 50:50 for other states, and 100% for Union Territories.
- The Central government has recently released the operational guidelines for JJM.

For the implementation of JJM, following institutional arrangement has been proposed:

- National Jal Jeevan Mission (NJJM) at the Central level
- State Water and Sanitation Mission (SWSM) at the State level
- District Water and Sanitation Mission (DWSM) at the District level
- Village Water Sanitation Committee (VWSC) at Village level

Every village will prepare a Village Action Plan (VAP) which will have three components:

- Water source & its maintenance
- Water supply and Greywater (domestic wastewater) management.
- So far, 100% target has been achieved in Goa, Telangana, Andaman Nicobar and Puducherry.
- Haryana is supposed to achieve 100% target in 2021 itself.

- Recently, the Prime Minister launched the **Jal Jeevan Mission (JJM) mobile application**.
- The Jal Shakti ministry has been **maintaining a JJM dashboard** to show the coverage of tap water connections across states.

News: Shameful that Capital lags in Swachh rankings, says AAP, demands early civic polls

Swachh Survekshan Awards 2022

- In 2020, **Ministry of State for Housing and Urban Affairs** launched Swachh Survekshan 2021, **quarterly assessment of cities and towns in India**.
- The survey is based **on 71 parameters, including open defecation, garbage collection, dumpster-free street, beautification projects, public toilets and mapping of public toilets**.
- Swachh Survekshan has been **conducted since 2016 and is the world's largest urban sanitation and cleanliness survey**.
- It has been **instrumental in fostering a spirit of healthy competition among towns and cities to improve their service delivery to citizens and towards creating cleaner cities**.
- It is **conducted under the ambit of the Swachh Bharat Mission (Urban)**,

Goal

- The primary goal of Swachh Survekshan is to encourage large-scale citizen participation and create awareness amongst all sections of society about the importance of working together toward making towns and cities better places to reside in.
- Ministry of Housing and Urban Affairs (MoHUA) is the nodal ministry of Swachh Survekshan.

Key Highlights of Swachh Survekshan Awards 2022

Cleanest City

- More than 1 lakh Population: Indore, the city of lakes and palaces, walked away with the Cleanest City title, while Surat was adjudged the second cleanest city, for the second time in a row, Navi Mumbai bagged the third spot.
- Less than 1 lakh Population: Panchgani and Karad from Maharashtra bagged the first and third positions respectively, while Patan from Chhattisgarh bagged the second position.
- Best Ganga Town: Haridwar in Uttarakhand received the award for the best Ganga town in more than one lakh population cities.
- Fast Mover City Award: Shivamogga in Karnataka.

Cleanest States

- **States with More than 100 Urban Local Bodies:** Madhya Pradesh emerged as the 'Cleanest State', Chhattisgarh in second place and third in Maharashtra.
- **States with less than 100 Urban Local Bodies:** Tripura emerged as the Cleanest State. Jharkhand and Uttarakhand received the second and third spots respectively.

News: What happened to the Nord Stream pipelines?

- Four leaks were reported at different points in the Nord Stream pipelines, linking Russia and Europe, since September 26.
- Two of the leaks were in Swedish waters while the other two were reported from Danish waters.
- The European Union said they suspected "sabotage" behind the leaks while the Russian Foreign Ministry said that the ruptures to the pipelines took place in territory that was "fully under the control" of U.S. intelligence agencies.

Nord Stream 2 Pipeline (NS2P) project

- Nord Stream 2 Pipeline (NS2P) project is a **1,200-km pipeline that runs from Ust-Luga in Russia to Greifswald in Germany through the Baltic Sea.**
- It will carry **55 billion cubic metres of gas per year.**

- It was decided to build this pipeline in 2015.
- Nord stream 1 system is already completed and together with NS2P, it will supply 110 billion cubic metre of gas a year to Germany.
- The stream passes through Finland, Sweden and Denmark apart from Russia and Germany.

Nord Stream pipeline 1

- The \$7.1 (€7.4) billion Nord Stream 1 subsea pipeline has been operational since 2011, and is the largest single supply route for Russian gas to Europe.
- The Russian state owned gas company Gazprom has a majority ownership in the pipeline, and while it was running at just 20% of its capacity since the Russia-Ukraine conflict began, the company, in early September fully cut gas flows from the pipeline on the pretext of maintenance.
- According to Bloomberg, while 40% of Europe's pipeline gas came from Russia before the war, the number now stands at just 9%.

Nord Stream pipelines from Russia

