

2. Through innovative financing models public institutions
3 can nudge private players to fund much needed low carbon housing sector. Explain.

The housing sector's role in sustainability is on the rise due to increase in population and urbanisation. Building houses with low carbon materials, sustainable construction practices is crucial.

Housing sustainability

By retrofitting roofs, windows and energy efficient appliances can reduce the energy needs by 40%. Government issued Energy conservation building codes for commercial and Eo-Nivas Sambita for residential complexes to improve sustainability

Replacing incandescent with LEDs can reduce energy use by 80%. The Ujalo scheme resulted in saving 47,000 million kWh.

of energy due to LED usage. However the wider adoption of green tech needs better financing.

Innovative Financing

- ① Subordinate loans can be extended by the multi-lateral development banks to support energy efficient houses and retrofitting.
- ② Partial credit guarantee scheme to ~~unload~~ the non-performing asset threat to the banks.
- ③ The green bonds can be leveraged to fund green housing projects.
- ④ Mortgages - green houses mortgage securities can be traded at premium as done in China and Green mark rated property as in Singapore.
- ⑤ Retail of green houses may be done at a premium. National housing bank launched Smart to attract this.

The efforts such as Affordable Sustainable Housing accelerators (ASHA) can be used to improve funding to green houses to achieve SDG-11 sustainable cities and communities.