

次世代省エネ基準に適合した地域適応型住宅技術の開発

Development of Regionally Adapted Housing Technology in Conformity with Next-Generation Standards

目下、建設省において策定中の住宅のための省エネルギー基準（通称「次世代省エネルギー基準」）では、断熱性を徹底して向上させることを柱に、気候条件に応じた防寒・防暑対策が規定されるとともに、室内空気質及び躯体の耐久性への配慮がなされている。

本研究は、この次世代省エネルギー基準の考え方に沿った性能を有する住宅の普及促進を目標とし、特に本州の関東以西の比較的温暖な地域において、それぞれの地域独自の気候風土、ライフスタイル、伝統的な建築意匠や材料を尊重した地域適応型住宅技術を開発することを目的とする。また、科学的に追求された省エネルギー性・環境性能・コスト合理性とともに、地域らしい住宅づくりを支援するための環境の構築を目指す。

In the residential energy-saving standards currently being formulated by the Ministry of Construction (commonly known as the next-generation energy-saving standards), measures for protection against cold and heat in accordance with climatic conditions are stipulated to help thoroughly improve the insulation of homes. Of these standards, attention is primarily paid to the quality of air inside homes as well as the durability of structures.

This research is aimed at promoting an increase in the number of houses that possess functions in line with the concepts behind the next-generation energy-saving standards. It is also aimed at the development of regionally adapted housing technology that respects locally unique climates, lifestyles, and traditional architectural designs and materials, especially in the comparatively warm region of Kanto

and the area west of it on Honshu. It will contribute to the formulation of an environment to actively assist in the creation of homes befitting this locale

along with energy conservation, environmental performance, and cost rationalization which are scientifically endorsed.

