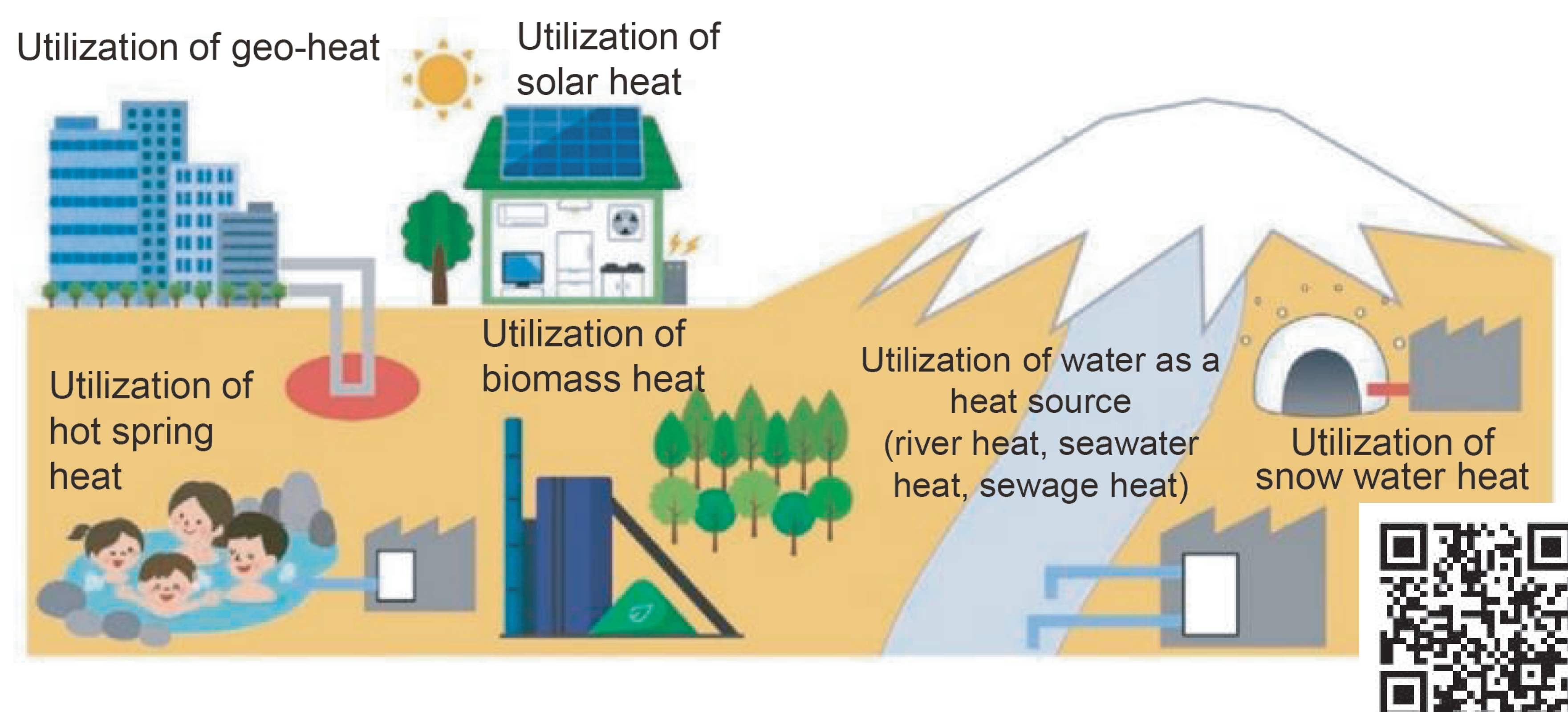


Renewable Heat Utilization



What is renewable heat



Non-electric purposes, mainly utilization for heat, account for a majority of energy consumption purposes in Japan. For improvement in energy efficiency, heat must be used efficiently without conversion to any other form of energy.

“Do you know “Chibasemiota” of renewable heat ?”
NEDO channel (youtube)

NEDO's initiatives

NEDO has been carrying out projects related to renewable heat for the realization of decarbonized society since 2011.

(2011-2013 Measurement technology)

Demonstration of measurement technologies for utilization of heat as renewable energy

(2014-2018 Elemental technology)

Research and development for utilization of heat as renewable

(2019-2023 Cost reduction technologies)

Research and development for total cost reduction of heat utilization as renewable energy

(2024-2028 Areawide utilization)

Research and development for the construction of systems for area-wide utilization of heat as renewable energy



Project Information

R&D of fundamental technology
6 projects

- Kanazawa university, Eonex inc.
- Japan Fine Ceramics Center, OM Solar, Inc., TERADA IRON WORKS CO.,LTD.
- Mitsubishi Materials Techno Corporation, Akita University, Biotex Inc.
- KAJIMA CORPORATION
- NIPPON STEEL ENGINEERING CO., LTD.
- University Public Corporation Osaka

R&D of cost reduction and advanced technology
1 project

- Japan Groundwater Development Co., ZENERAL HEATPUMP INDUSTRY CO., Ltd.

R&D of common base technology
2 project

- National Institute of Advanced Industrial Science and Technology(AIST)
- Hokkaido University, Tokyo University