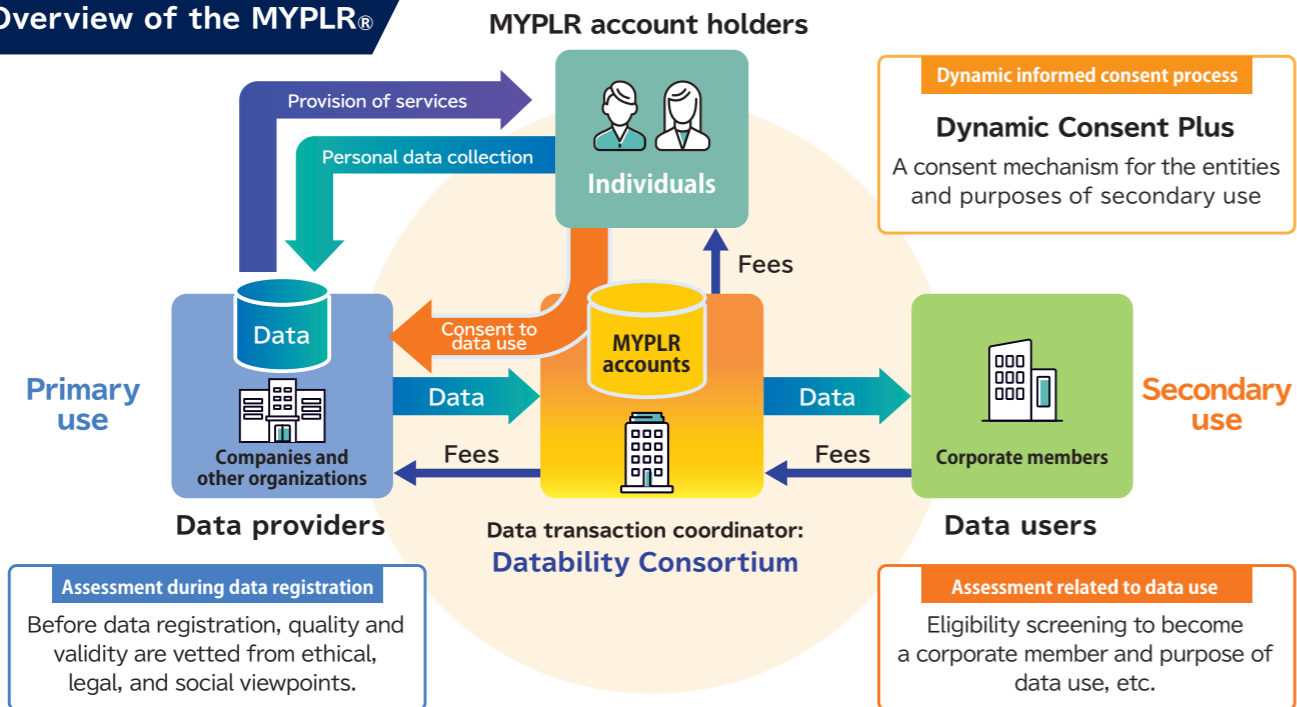


# MYPLR® Data Exchange

This platform facilitates the safe and secure secondary use (re-use) of individuals' Personal Life Record (PLR) upon their informed consent.

## Overview of the MYPLR®



## Advantages of MYPLR®

Ensures secure and transparent secondary use (re-use) of personal data through rigorous multi-step user approval and informed consent processes. These processes are developed in accordance with the ethical, legal, and pro-social principles.

<p><b>Individuals</b></p> <p>Right to approve or disapprove access to their personal data based on the purpose and identity of the data user</p>	<p><b>Data Providers</b></p> <p>Create new value using available data.</p>	<p><b>Data Users</b></p> <p>Can access personal data upon approval by the individuals and the data providers.</p>
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MEXT Society 5.0 Realization Research Support Project

# Osaka University Initiative for Life Design Innovation (iLDi)

Supporting Active, Fulfilling, and Comfortable Community Living by Ensuring Secure Use of Personal Medical, Health, and Daily Activity Data



# Life Design Innovation

## Effective Use of Personal Life Record (PLR) to Improve Quality of Life (QoL)

### Initiative for Life Design Innovation (iLDi)

Initiative for Life Design Innovation (iLDi) Research at Osaka University was the only research base in Japan chosen by the Ministry of Education, Culture, Sports, Science and Technology (MEXT) for the “Society 5.0 Realization Research Support Project” in FY2018. Our project is dedicated to supporting the realization of an exciting future society through Personal Life Record (PLR) by improving QoL based on physical health, mental health, social health (communication), and environmental health.

In FY2023, we initiated the second phase of this project. This stage involves applying our findings and developing platform technologies, operational frameworks, and rules to ensure the safe and secure use of personal data.

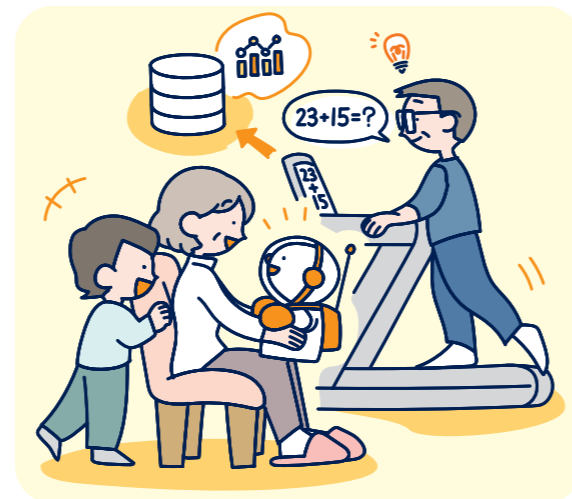
### Society 5.0 Realization Research Support Project

This project supports research organizations that aim to realize Society 5.0\* using information science and technology. By encouraging collaboration across projects and academic institutions, we accelerate the implementation of research results in real-world society.

\*Society 5.0 is a national initiative to help people lead active and high-quality lives by embracing innovations in the Internet of Things (IoT), data science, robotics, and artificial intelligence (AI).

### Wellness

Creating communities that encourage residents to enjoy and stay healthy



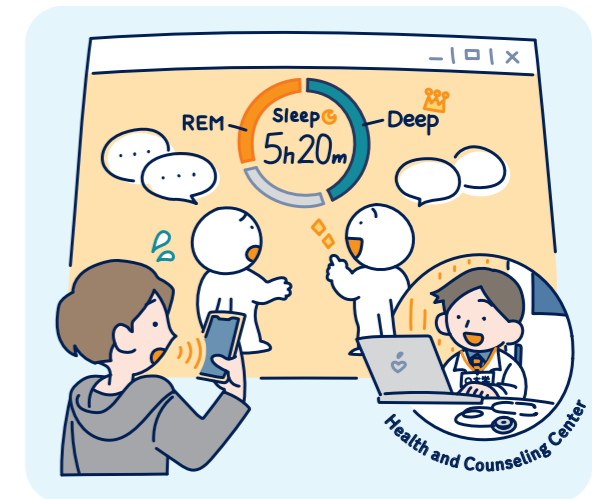
### Lifestyle

Coordinated social support for expecting and parenting families



### Edutainment

Advanced tech for student health monitoring and tailored support to enhance campus life



### Personal Life Record (PLR)

Combination of an individual's personal medical and health data (Personal Health Record, PHR) and their daily activity data

#### PHR



Height, weight, blood type, vital signs, allergies, adverse drug reactions, medical history, symptoms, treatments, prescriptions, nursing care plans, medical check-ups, health insurance-related information, etc.

#### Daily life data



Data pertaining to personal daily activities and living environments such as preferences, hobbies, sensory processing status, personality traits, places and locations, activities, life events, environmental characteristics, etc.



PLR database

MYPLR®