

1. Goals of the project

■ Previous

When the results are implemented in society, they will greatly benefit the Aichi prefecture's industrial and technological development issues.

■ Major Changes from Project IV

- (1) Expansion of participating organizations (overseas and outside the prefecture are also possible)
- (2) Multiple application frames depending on the research phase
- (3) Hands-on support by overseas third-party organizations

■ Research Fields(Keyword)

(1) Manufacturing
(Next-generation automobiles, aerospace, robots, etc.)

(2) Healthcare
(Medical equipment, healthy longevity, frailty measures, etc.)

(3) Agri Fish
(Productivity improvement, weather and sea condition forecasting, aquaculture technology, etc.)

Common Ground

(4) Carbon neutrality
(Hydrogen, ammonia, next-generation batteries, biofuels, etc.)

Utilization of digital technologies such as Generative AI, Big-data, Internet of things

Creation of revolutionary innovation originating in Aichi Pref. contributing to the industrial development of Japan and around the world and the realization of decarbonized societies.

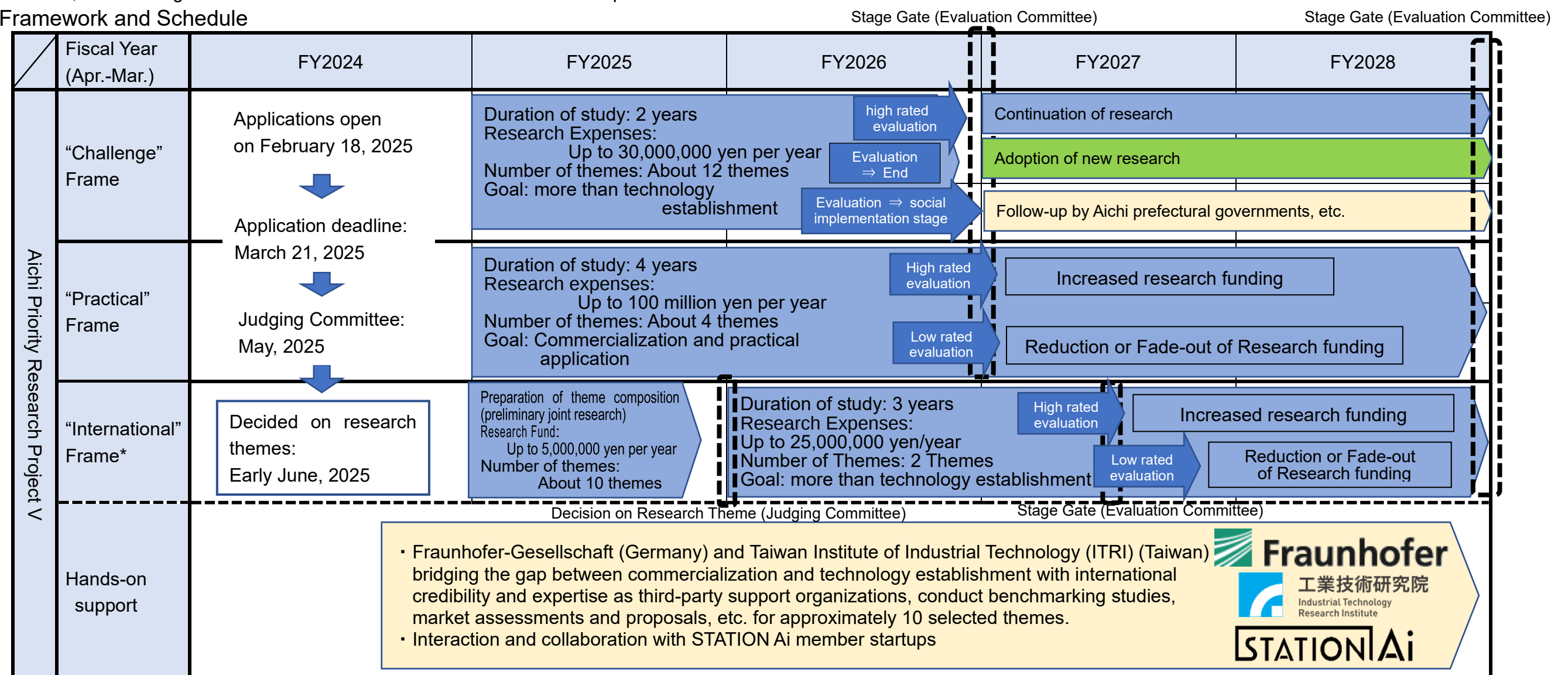
2. Project Overview and Schedule

(1) Composition of the research team

A research team through industry-academia collaboration consisting of companies in Aichi Prefecture and research institutes such as universities inside and outside the prefecture

However, the challenge frame must include small and medium-sized enterprises in Aichi Prefecture.

(2) Framework and Schedule



* International Frame requires research projects by three or more parties: an overseas university (e.g., the National University of Singapore), a domestic university and a company in Aichi Prefecture. There must be no problem from the perspective of Japanese economic security provisions.