

Digital Competition Policy in Japan

- ♦ JFTC's Approaches
- Transparency Act (Ministry of Economy, Trade and Industry or "METI")
- Mobile Ecosystem (Headquarters for Digital Market Competition or "HDMC")

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JFTC's Approaches

1. Case investigation

- Apple: Investigation on the Suspected Violation of the Antimonopoly Act
 - ⇒Case closed, as the JFTC confirmed that Apple voluntarily made corrective actions allowing external links on reader apps such as music and e-books.

Amazon Japan: Approval of the Commitment Plan

 \Rightarrow A corrective action refunding approximately 2 billion yen in total to about 1,400 disadvantaged suppliers.

2. Merger review

• Google/Fitbit

3. Market Study

- News content
 Mobile OS
- Cloud service
 Digital ads
- Online retail platforms and app stores

4. Study Group

• Algorithms/AI

5. Guidelines

- Guidelines on Digital Platforms' Collection and Use of Consumers' Personal Information etc.
- Amendments of Guidelines Concerning Review of Business Combination, to deal appropriately with digital cases

Cooperation in the Government on Digital Competition Policy

[JFTC]

Market Study on Online Retail Platforms and App Stores (Oct. 2019)

[HDMC]

(Headquarters for Digital Market Competition)

Decision of the framework of the **Bill on Improving Transparency and Fairness of Digital Platforms** (Jan. 2020)

Market study on Digital Advertising (Feb. 2021) Competition Assessment of the Digital Advertising (Apr. 2021) →Decided to have the digital advertising market subject to the Act

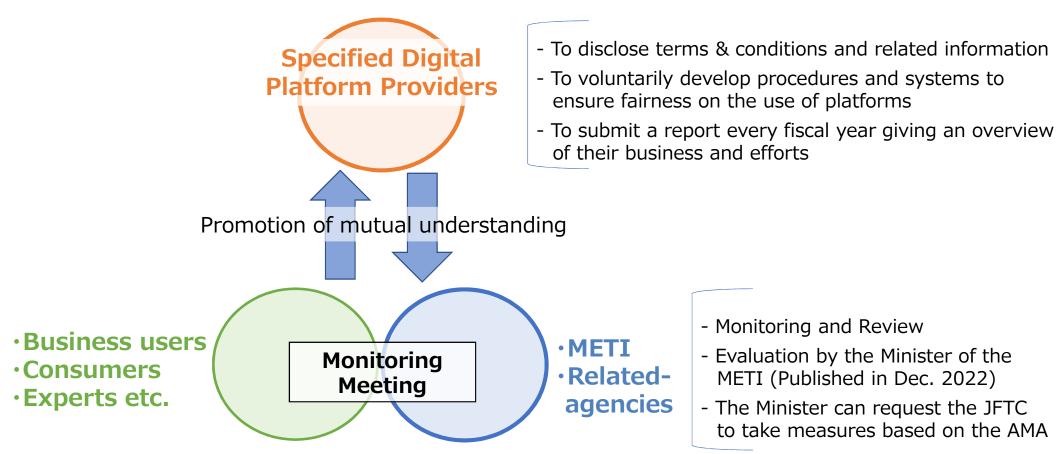
Market study on Mobile OS and Mobile App Distribution (Feb. 2023) Interim Report of **Competition Assessment** of Mobile Ecosystem (Apr. 2022) →Provided a wide range of options to address competition issues, not bound by the current legal framework

[METI]

[Ministry of Economy, Trade and Industry]

- •Enactment of the Bill (May 2020)
- •Online shopping malls and app stores became subject to the Act (Apr. 2021)
- •Digital advertising was added to the sector subject to the Act (Oct. 2022)

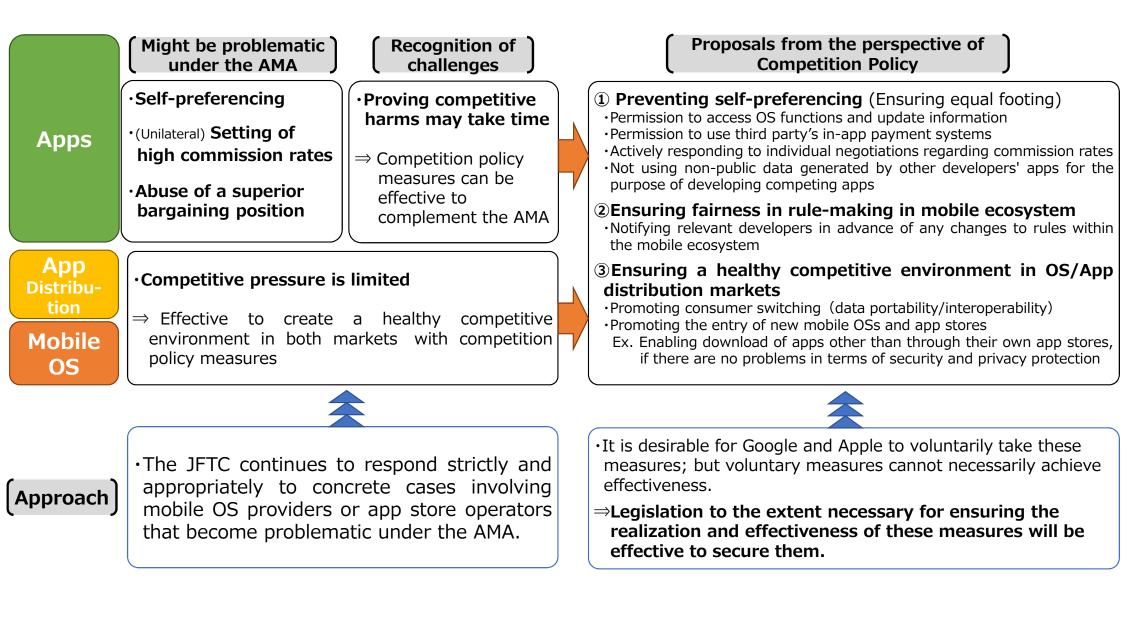
The Transparency Act [Co-regulation]



Achievement: Business users' higher satisfaction; improvement through the communication on individual cases
 Future: Specified DPFs are expected to voluntarily/actively strive to improve their operations based on the 1st-year evaluation.

JFTC's Market Study Report on Mobile OS and Mobile App Distribution (Feb. 2023)

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27 issues in HDMC's Interim Report [Competition Assessment of Mobile Ecosystem]

1. Rule setting within the ecosystem

1-1. [OS/ browsers]

- 1. Updates and specification changes in OS and others
- 2. Time advantage for app development associated with OS updates, etc.
- 3. Tracking rule changes in operating systems (Apple)
- 4. Tracking rule changes in browsers (Apple)
- 5. Tracking rule changes in browsers (Google)
- 6. Closed middleware (Google)

1-2. [App Store]

- 7. Mandatory use of App Store (Apple)
- 8. Hindrance to sideloading (Google)
- 9. Mandatory use of payment and billing systems

10. Restrictions on the provision of information, inducement, etc. of other billing systems, etc. within apps

1-3. [Browsers, web apps and native apps]

11. Mandatory use of WebKit and reluctance to support web apps in browsers (Apple)

- 12. Access restrictions on browsers to the functions of OS and others (Apple)
- 13. Limitations on browser extensions

14. Switching costs (due to registration on browser and data linkage with other services)

1-4. [Leveraging leading web services to gain competitive advantage in other layers, etc.]

15. Impact on browsers due to specification changes in leading web services (Google)

16. Standardization of technologies that give the company an advantage in search service (Google)

2. Default settings, pre-installation, etc.

2-1. [Default settings, pre-installation]

17. Pre-installation and default settings of browsers, search engines, etc.

2-2. [Self-preference on search service (Google)]

18. Preferential display of its own map service and promotion of its own browser on its own search service

3. Acquisition and use of data, etc.

- 19. Acquisition and use of data
- 20. Adding and integrating functions into the OS, developing apps with functions equivalent to competing apps and setting those apps as default, etc.
- 21. Social login ("Sign in with Apple" (SIWA)) (Apple)
- 22. Automatic login to Chrome browser (Google)
- 23. Sending information from the browser only to its own websites (Google)

24. Search query data and other resources (Google)

4. Access restrictions to various functions

- 25. Access restrictions on apps to OS functions
- 26. Access restrictions to UltraWideBand (Apple)
- 27. Access restrictions to NFC (Near Field Communication) (Apple)