







Aug. 30, 2023 Marubeni Corporation H.I.S. Co., Ltd. Mizuho Bank, Ltd. Tokio Marine & Nichido Fire Insurance Co., Ltd.

Business Feasibility Assessment for Operation of Flying Cars: Moving Forward Together to Achieve a New Form of Aerial Mobility in the Kansai Region

Marubeni Corporation (hereinafter, "Marubeni"), H.I.S. Co., Ltd. (hereinafter, "H.I.S."), Mizuho Bank, Ltd. (hereinafter, "Mizuho Bank"), and Tokio Marine & Nichido Fire Insurance Co., Ltd. (hereinafter, "Tokio Marine & Nichido") have been selected by the Osaka Prefectural, Osaka City, and Hyogo Prefectural authorities to receive a subsidy for their urban flying car^{*1} business project.

As part of this grant project, following completion of an assessment comprising the following studies, Marubeni, H.I.S., Mizuho Bank, and Tokio Marine & Nichido will collaborate in the creation of a business promotion system for the operation of a flying car service.

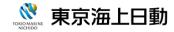
Details:

Studies	Demand estimation for Kansai region	
	2. Flight plan analysis	
	3. Simulation of optimal charging and battery management method	
Study areas	境港 大山町 鳥取 鳥取 舞鶴	
	海山 兵庫県 京都 滋賀 京都 東路	
	総社岡山 明石 43 4大阪 奈良 61 2	
	展道	
	Source: Created by processing the Portal Site of Official Statistics of Japan (e-Stat;	
	https://www.e-stat.go.jp/en/node)	
	Routes will comprise various connections between two of the following areas ①-⑩.	
	① Yumeshima area ⑥ Kobe Airport area	
	② Center of Osaka City ⑦ Tajima area	
	(Morinomiya area) (Takeda Castle, Kinosaki, Tajima Airport)	









③ Center of Kobe city	Awaji area
④ Center of Amagasaki city	Koyasan area
⑤ Kansai International Airport	Seto Inland Sea area
area	(Shodoshima, Naoshima, Fukuyama)

Roles for business feasibility assessment:

Marubeni	Project management, lead on multiple studies, business plan review	
H.I.S.	Assessment of ticket pricing and sales promotion ideas for flying car service	
Mizuho Bank	Evaluate depreciation expense and ownership costs for flying car aircraft	
Tokio Marine &	Design on incurrence schome for flying care in the demostic Jananese market	
Nichido	Design an insurance scheme for flying cars in the domestic Japanese market	

By identifying potential routes through this joint assessment, Marubeni, H.I.S., Mizuho Bank, and Tokio Marine & Nichido will work towards the early realization of a new form of aerial mobility in the Kansai region.

*1 Flying cars: An advanced means of aerial mobility, electrically powered and capable of autonomous takeoffs and vertical landings, to facilitate more accessible and convenient air travel.

Osaka Prefectural Government Website (Japanese language only):

https://www.pref.osaka.lg.jp/energy/evtol/hojyokin-soratobu2.html

Osaka City Government Website (Japanese language only):

https://www.city.osaka.lg.jp/keizaisenryaku/page/0000599923.html

Hyogo Prefectural Government Website (Japanese language only):

https://web.pref.hyogo.lg.jp/sr10/sorakuru.html