

2020年に向けた社会全体のICT化推進に関する懇談会幹事会
**2012 London大会における
オープンデータについて
(公共交通+街づくり等)**

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2012 London大会の公共交通情報とOpen Data

■ 2012 London大会では、世界に先駆けて、地下鉄とバス等の公共交通の情報をはじめ、徹底したオープンデータ提供に取り組んだ

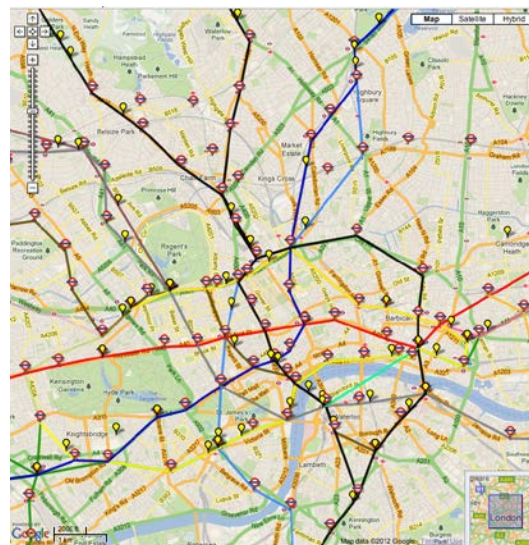
- ▶ “...We also continued to improve the information we provide customers, with WiFi on the **Tube** and **Countdown for buses**. Our **open data policy**, which encourages **innovation and the creation of thousands of useful travel apps**, is also seen as world-leading and is helping to give the UK's developing new media industry an edge over its foreign competitors. ...”
(TfL, 2012/13 Annual reportより)
- ▶ 地下鉄、鉄道、バス等の公共交通の運行データ、自転車走行のためのデータ、市内に取り付けた大量の監視カメラデータの公開...街づくりにおいて、徹底的なオープンデータ化を推進
- ▶ SNSによる投稿情報も有効に活用
- ▶ オープンデータを使った、多くのアプリやウェブページが登場し大会を民間が支援
- ▶ それだけでなく、事後の分析のためのデータ取得にも務めた

■ 経済効果の試算

- ▶ ロンドン市交通局のリアルタイムデータの経済効果の試算
25億円～98億円 (£15,000,000～58,000,000)
SHAKESPEARE REVIEW: “An Independent Review of Public Sector Information”, MAY 2013

公共交通オープンデータは、観光支援情報サービスとして発展

API Name	Description
Line	Get the list of all lines
LineInfo	Get the info for the line
LineRoute	Get the list of all routes for the line
LineRouteInfo	Get the info for the route
LineRouteStop	Get the list of all stops for the route
LineRouteStopInfo	Get the info for the stop
LineRouteStopTime	Get the list of arrival and departure times for the stop
LineRouteStopTimeInfo	Get the info for the arrival and departure times
LineRouteStopTimeSchedule	Get the list of arrival and departure times for the stop during the week
LineRouteStopTimeScheduleInfo	Get the info for the arrival and departure times during the week
LineRouteStopTimeScheduleWeekend	Get the list of arrival and departure times for the stop during the weekend
LineRouteStopTimeScheduleWeekendInfo	Get the info for the arrival and departure times during the weekend
LineRouteStopTimeScheduleHoliday	Get the list of arrival and departure times for the stop during the holiday
LineRouteStopTimeScheduleHolidayInfo	Get the info for the arrival and departure times during the holiday
LineRouteStopTimeScheduleHolidayWeekend	Get the list of arrival and departure times for the stop during the holiday weekend
LineRouteStopTimeScheduleHolidayWeekendInfo	Get the info for the arrival and departure times during the holiday weekend
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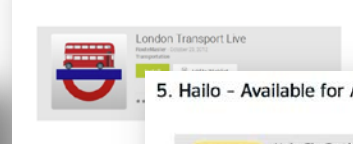
Live Trains Map TfL Tube



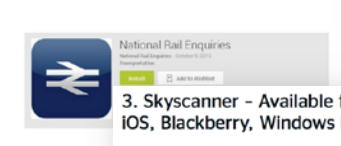
1. Citymapper - Available for Android, iOS



4. London Transport Live - Available for Android



2. National Rail Enquiries - Available for Android, iOS



5. Hailo - Available for Android, iOS



3. Skyscanner - Available for Android, iOS, Blackberry, Windows Phone



現在では、多くの交通情報提供アプリや観光案内アプリが提供されている。

オープンデータを活用した全体の横串や競技支援の取組

GREATER LONDON AUTHORITY
MAYOR OF LONDON LONDON ASSEMBLY
LONDON DATA STORE
Search 586 datasets

Rank	Country	Gold	Silver	Bronze	Total	Y Group
1	United States of America	40	29	29	98	GF
2	People's Republic of China	36	27	22	85	BNICS
3	Great Britain	29	17	19	65	GF
4	Russian Federation	26	20	13	63	BNICS
5	Republic of Korea	13	9	7	29	Others
6	Germany	11	10	14	44	GF
7	France	11	11	12	34	GF
8	Italy	9	9	11	29	GF
9	Hungary	6	4	5	15	Others
10	Australia	7	10	12	33	Others
11	Japan	7	14	17	38	GF
12	Kazakhstan	7	1	5	13	Others
13	South Korea	6	8	8	22	Others
14	Ukraine	0	0	9	9	Others
15	Cuba	5	3	6	14	Others
16	New Zealand	5	3	5	13	Others
17	Islamic Republic of Iran	4	3	3	10	Others
18	Japan	4	4	4	12	Others
19	Czech Republic	4	3	3	10	Others
20	Democratic Peoples	4	0	2	6	Others

the guardian
London 2012 Olympics data from the Guardian Database

London Data Store
<http://data.london.gov.uk>

London
51.51 N, 0.13 W
Thu 23 Apr
Go to Map

London City Dashboard (since 16 May 2012)
<http://citydashboard.org/london/>

London Olympic Dashboard
<http://london2012.zohosites.com>

2012 Olympics Road Cycling Live Dashboard
London Olympics Road Race Live Video, Route Map, Riders, Result



2012 Olympics Road Cycling Live Dashboard

London 2012 Olympics data

オープンデータを利用して、
Londonの都市全体をリアルタイムに可視化

【公共交通オープンデータ研究会からの要望】
公共交通オープンデータ研究会では、
2020東京大会にむけ、オープンデータを用いた
人の移動の高度化・街の機能の統合化に
取り組んでいます

2012 London 大会を上回るためにも
関係各所のご支援、ご協力をお願いします

特に、オープンデータを活用し、民間の力を巻込むこと、
都市への投資をレガシーと化した知見を最大限活かしたい