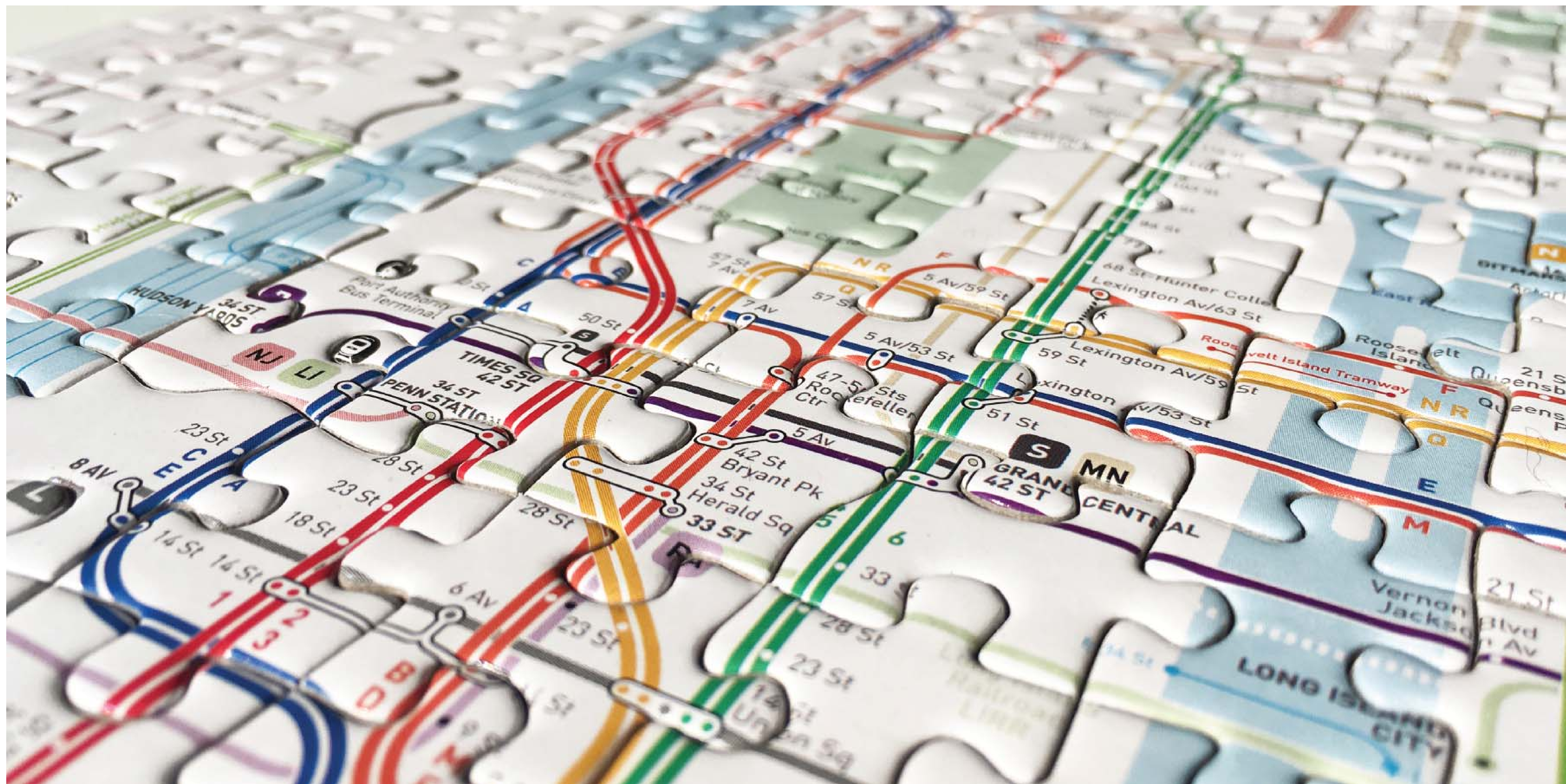


MAP AND MIND



JUG CEROVIĆ

TRANSIT MAPPING SYMPOSIUM
PARIS
28.02.2019

01 UNDERGROUND

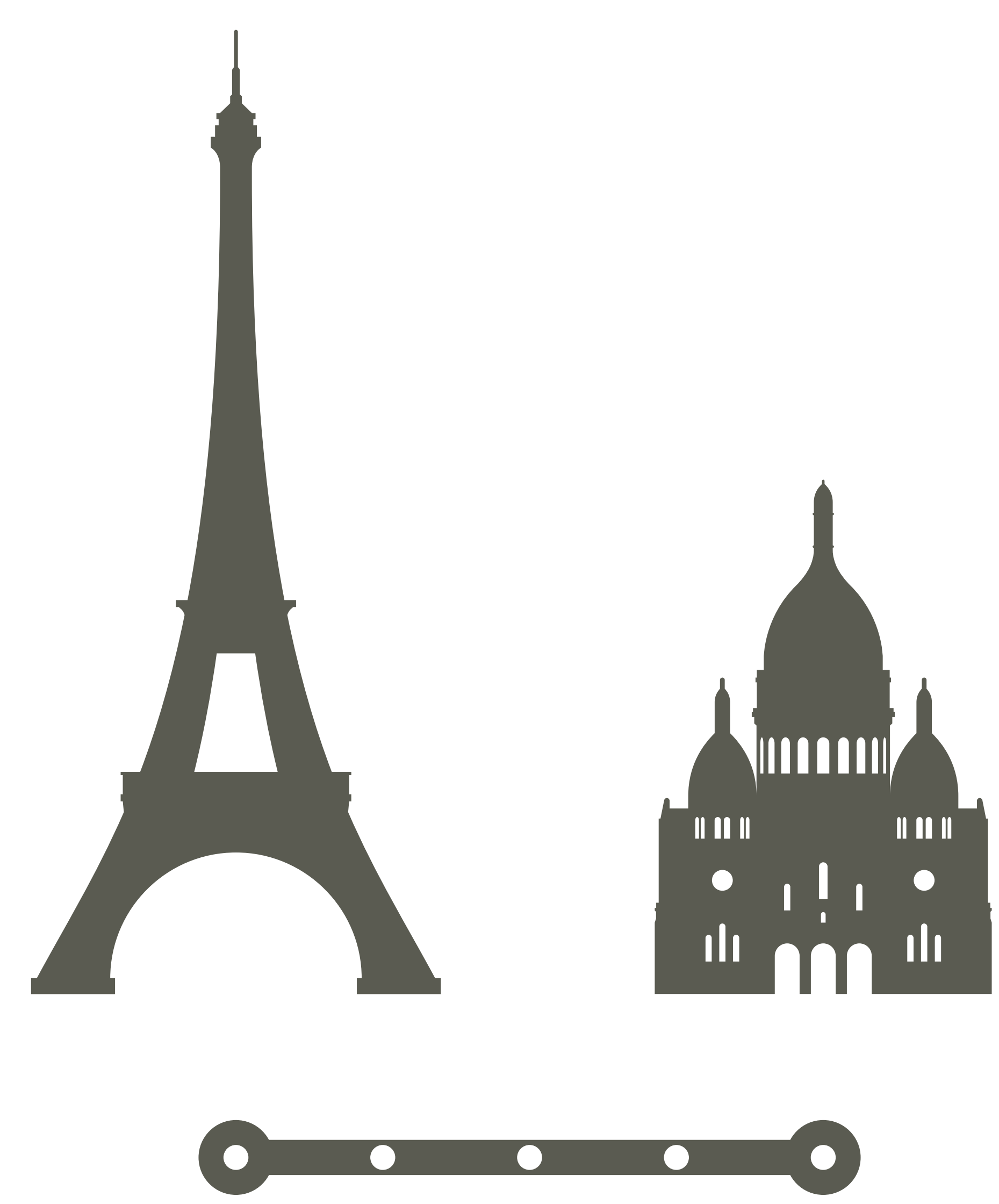
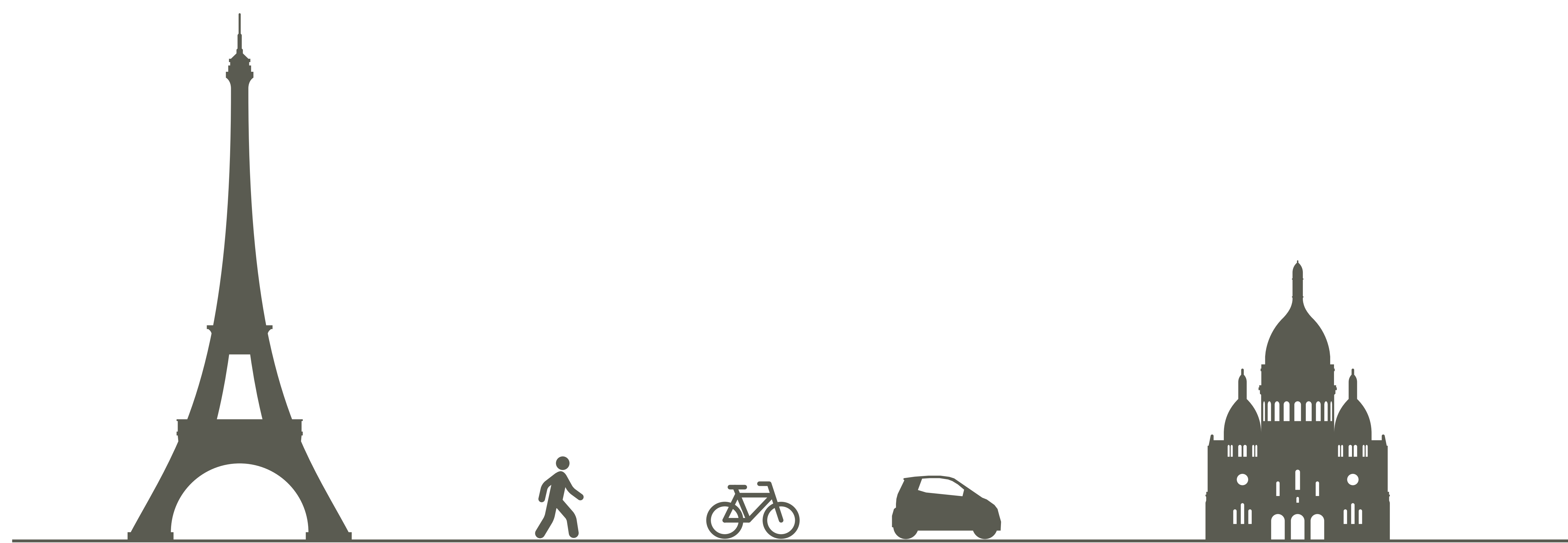


PARIS

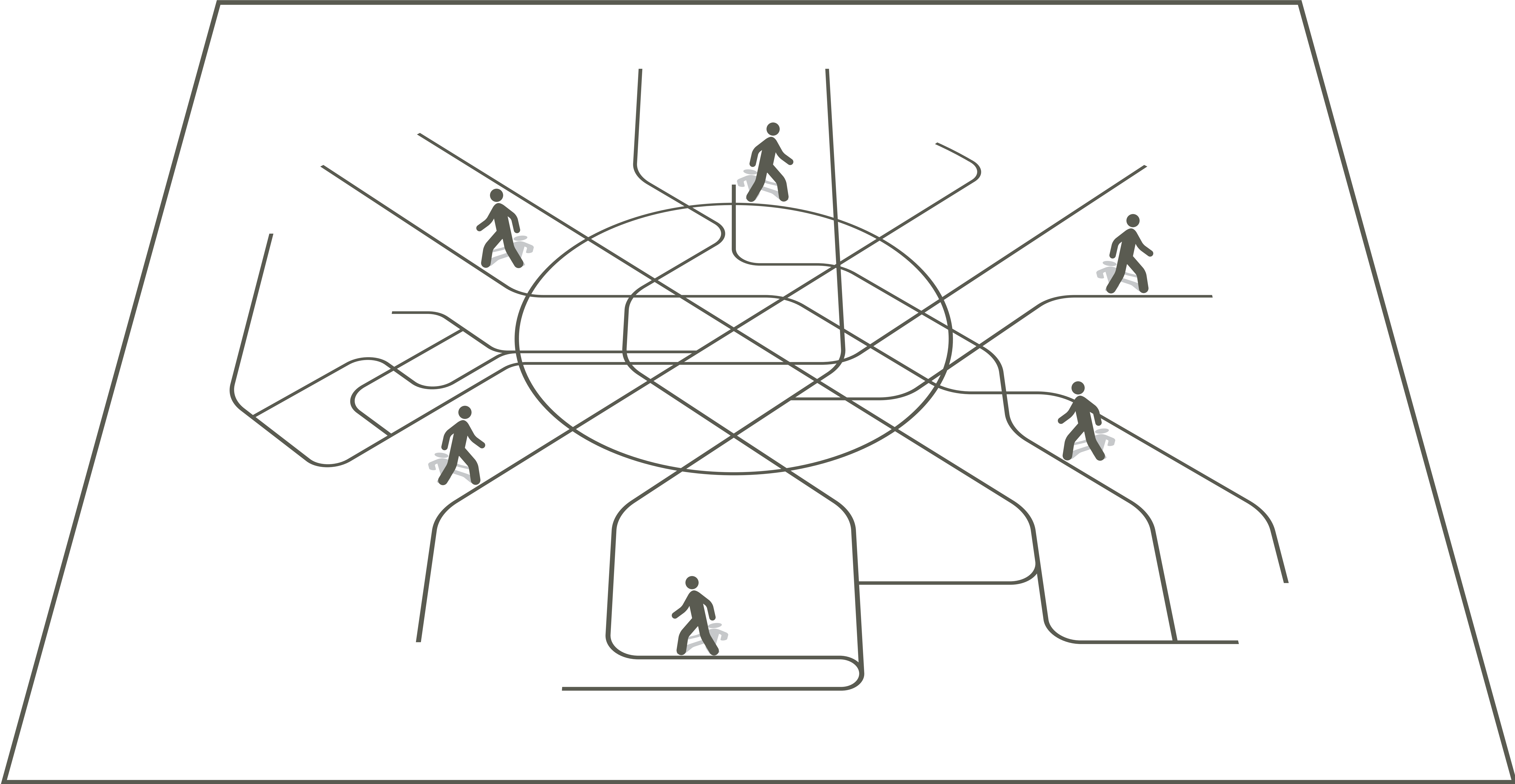


TOKYO

THE HIDDEN DIMENSION



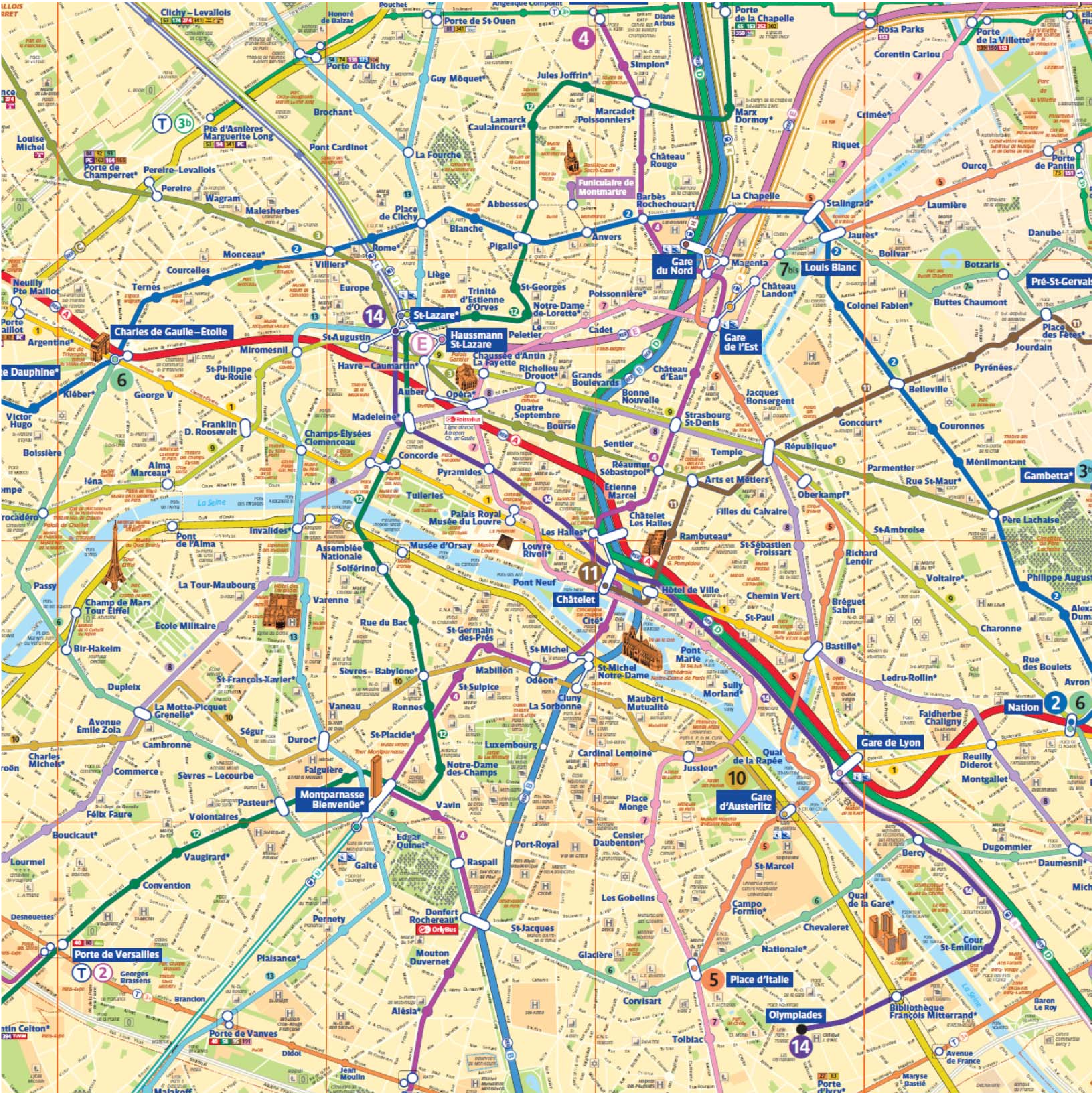
THE MAP IS THE NETWORK



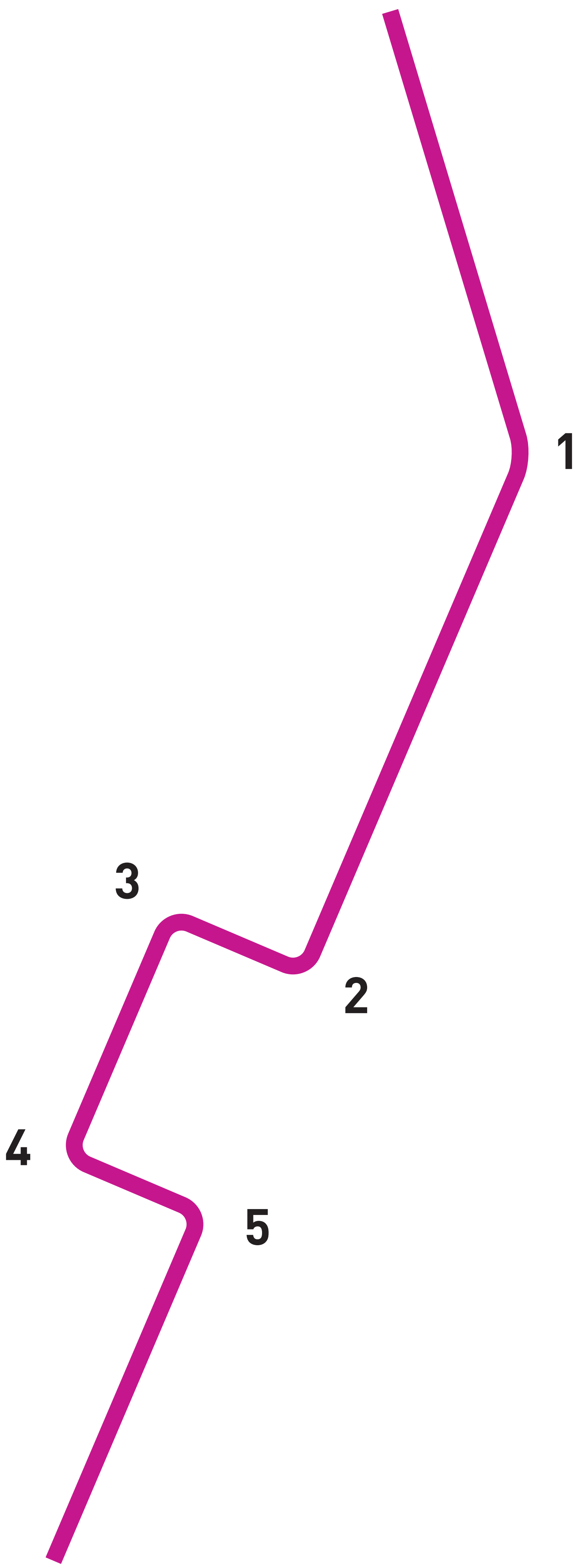
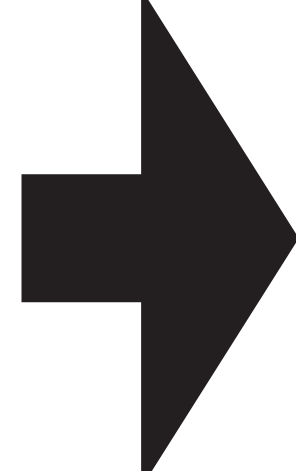
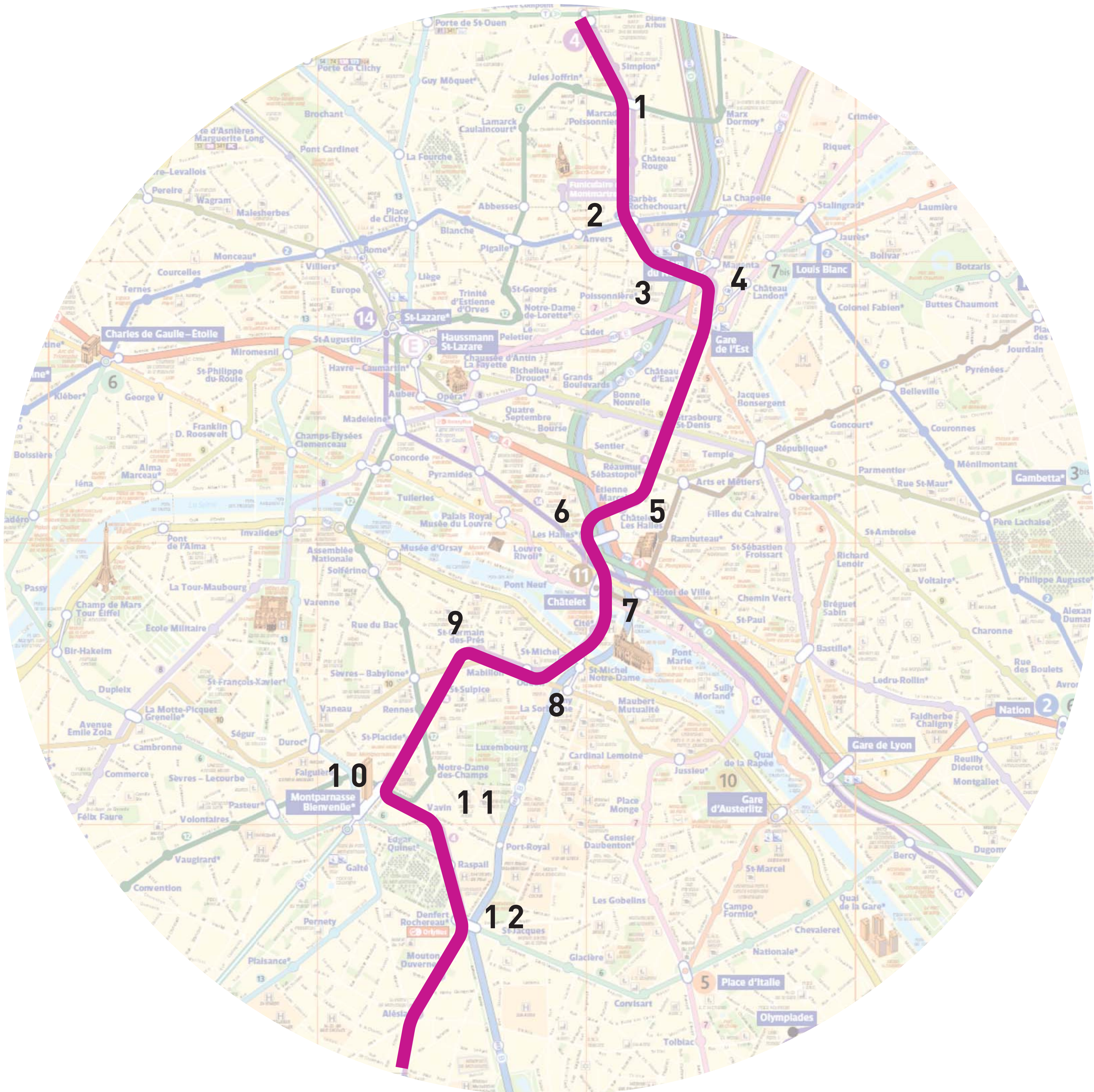
PARIS



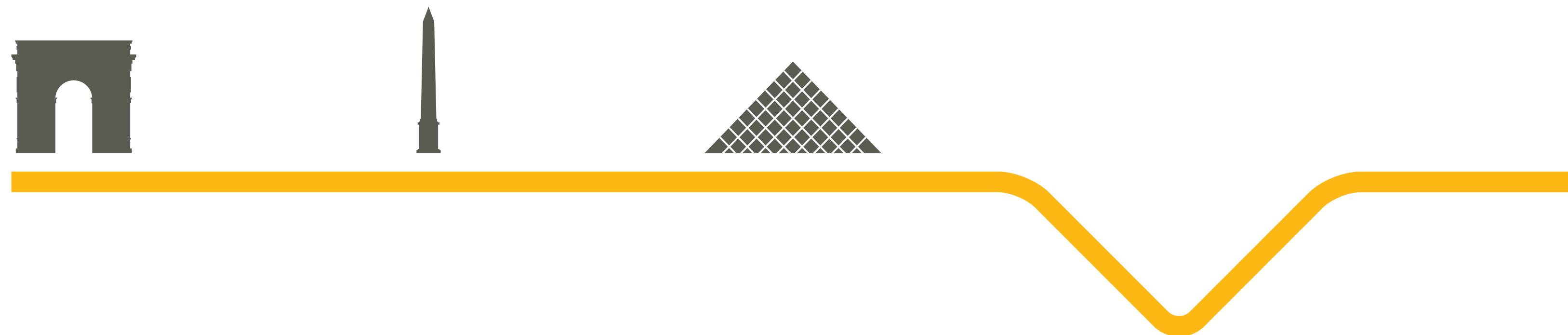
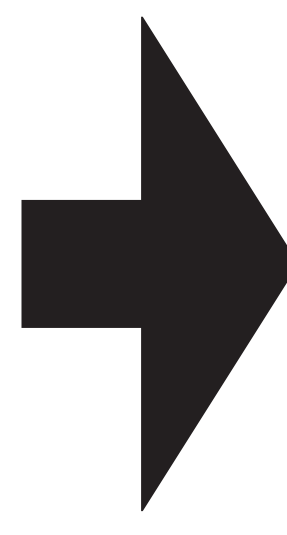
PARIS METRO NETWORK



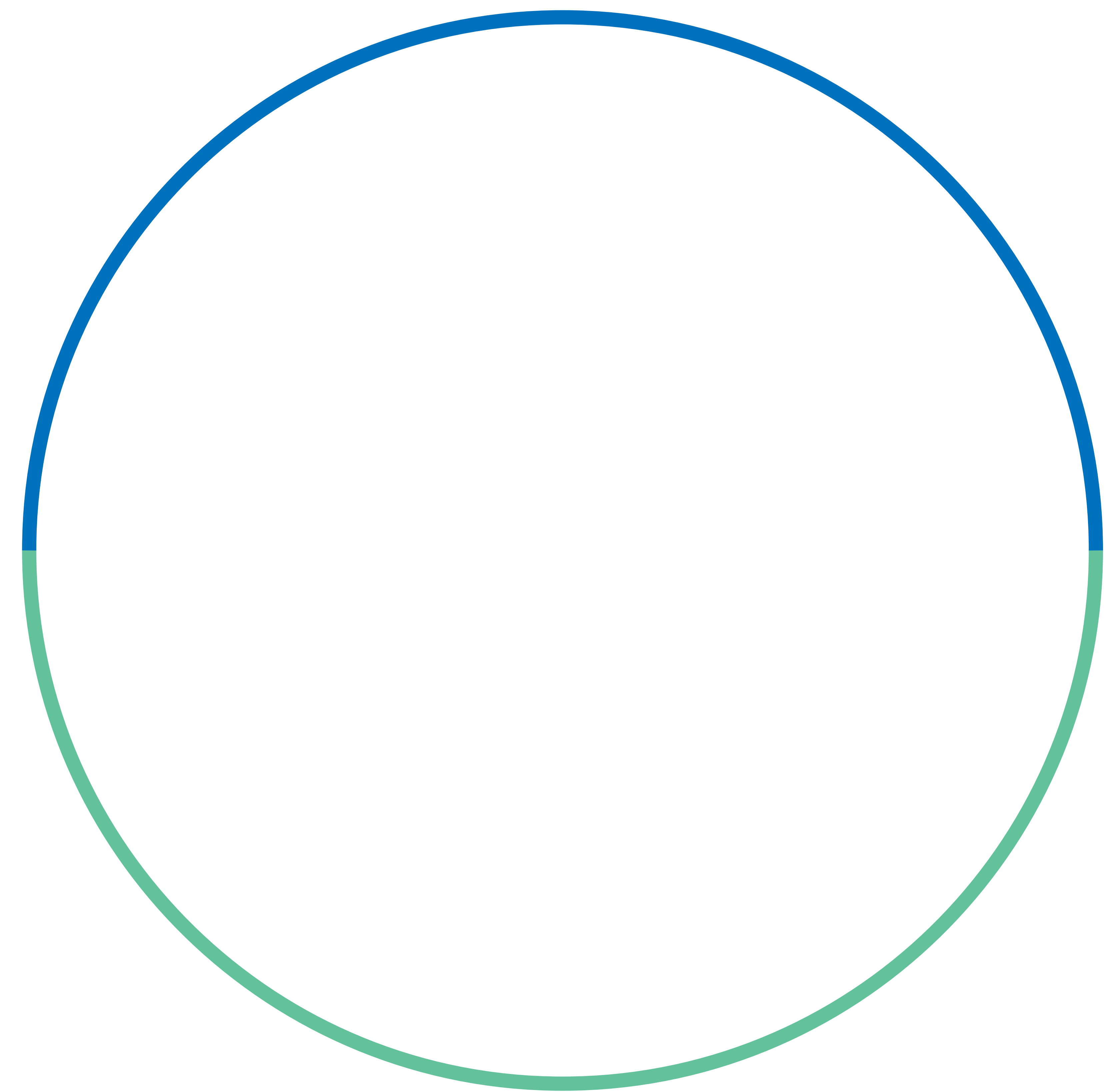
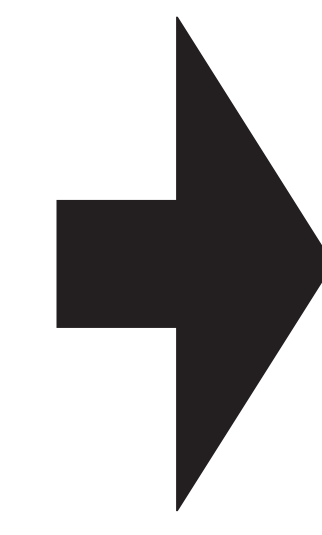
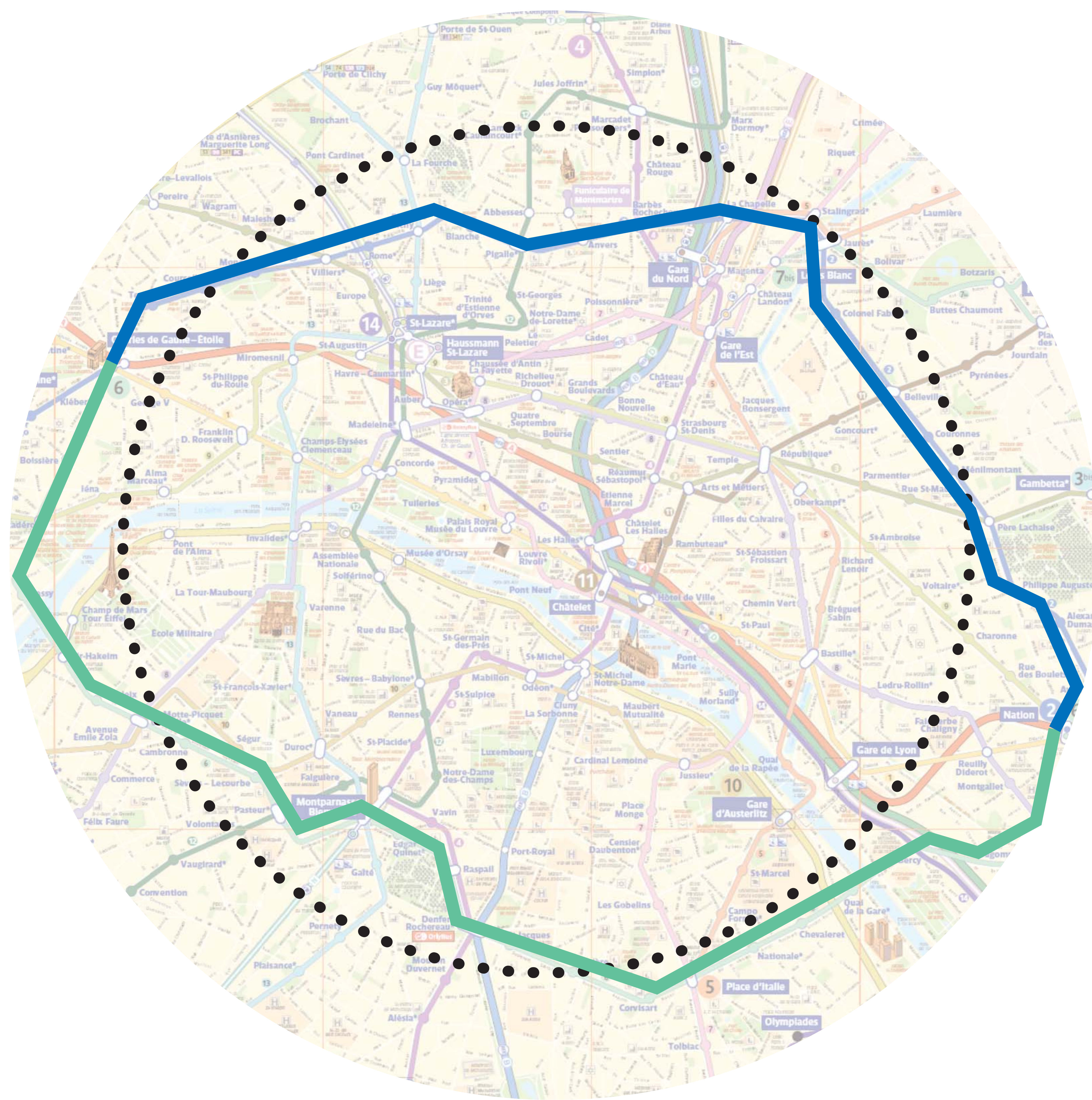
SIMPLIFICATION



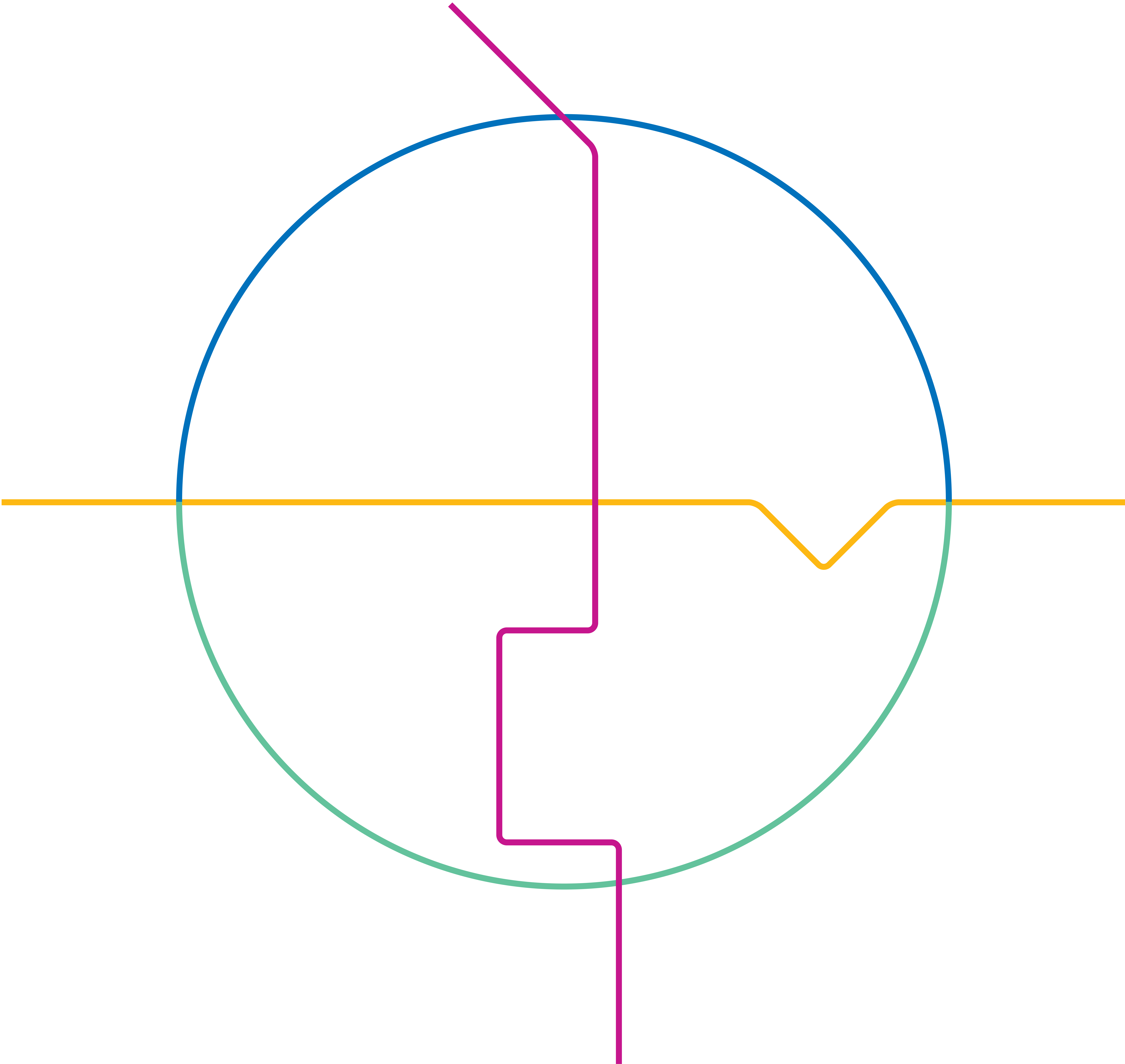
TOPOLOGY



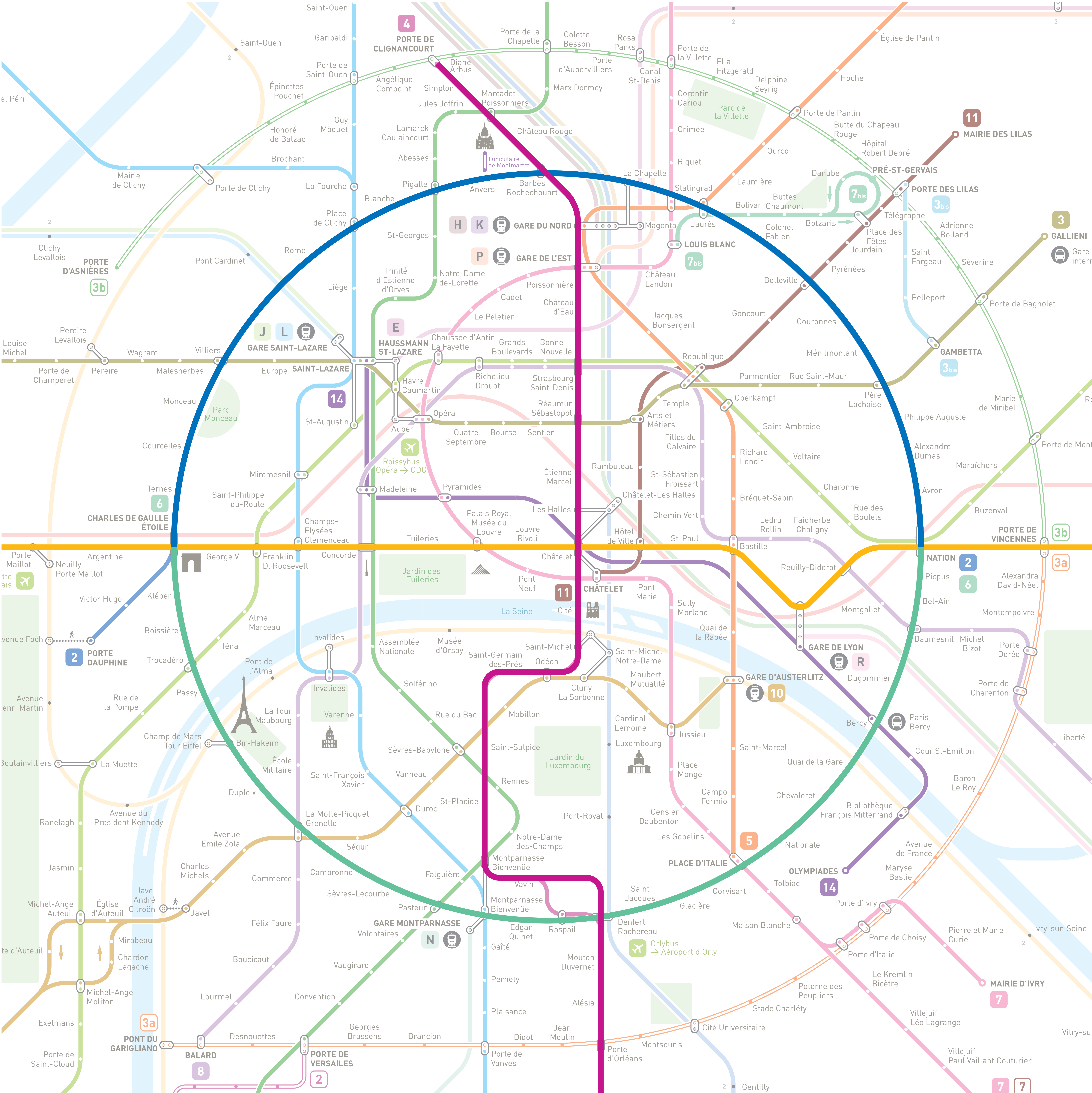
SYMBOLS



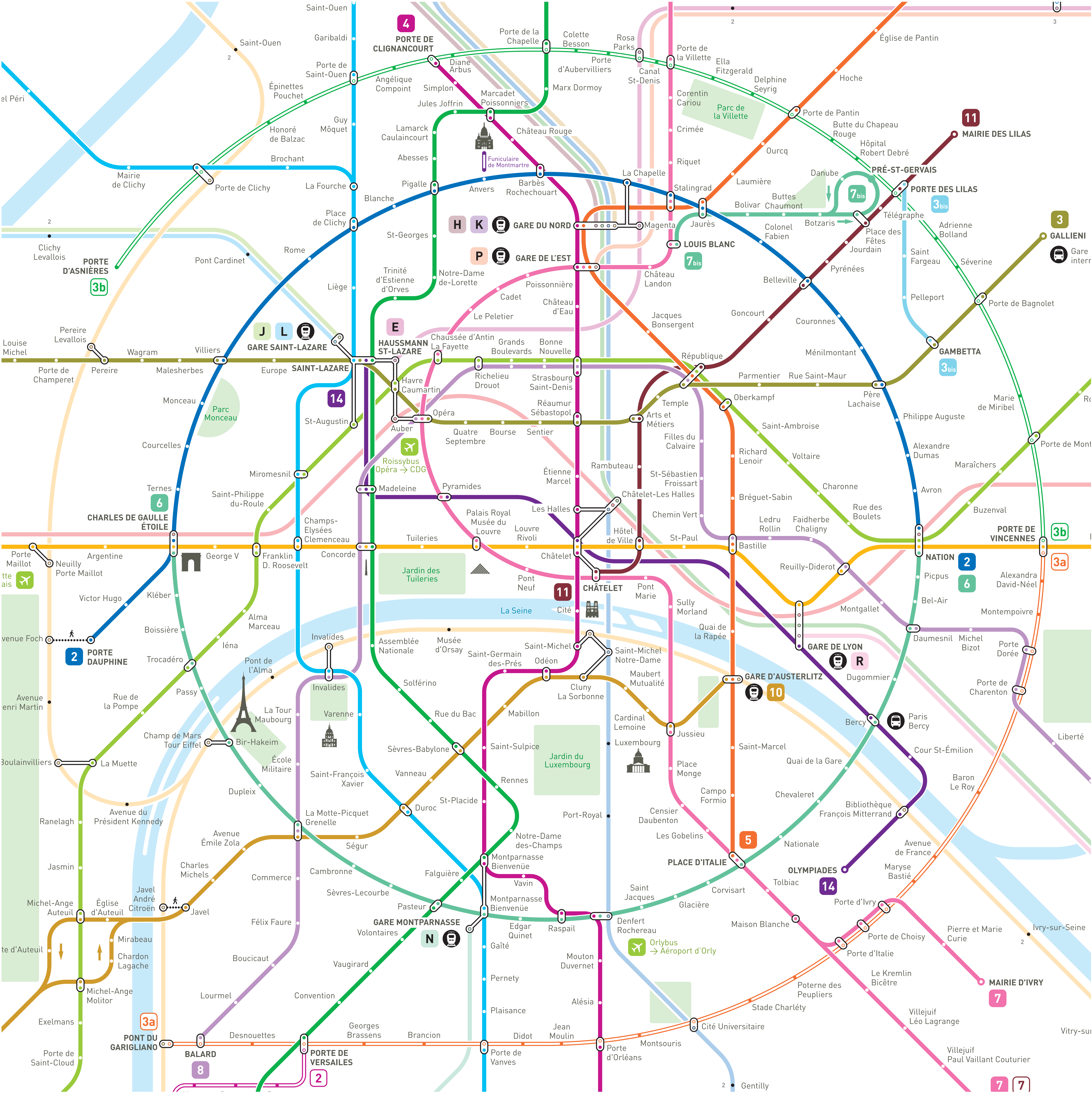
STRUCTURE



SCHEMATIC MAP



SCHEMATIC MAP

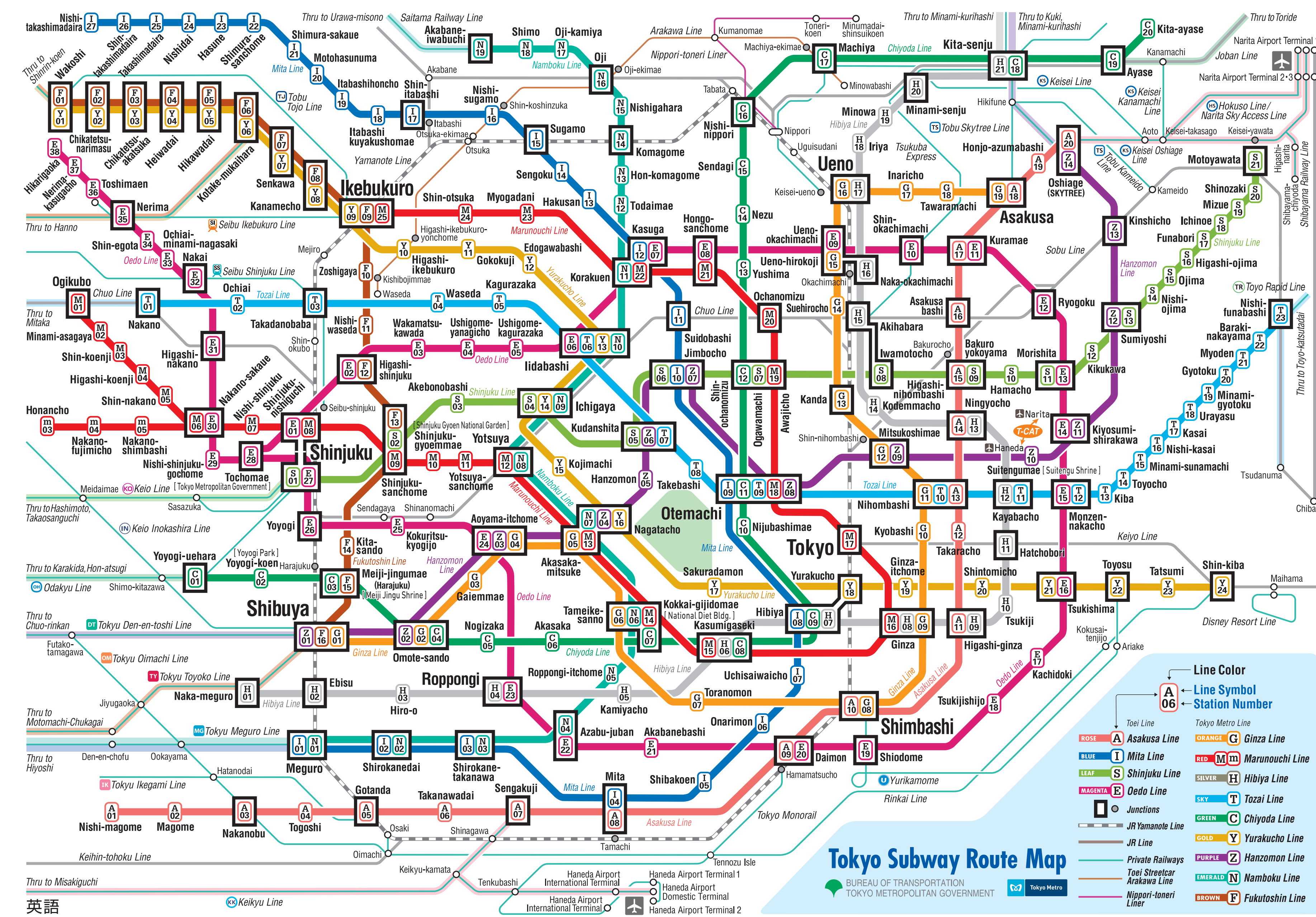


TOKYO

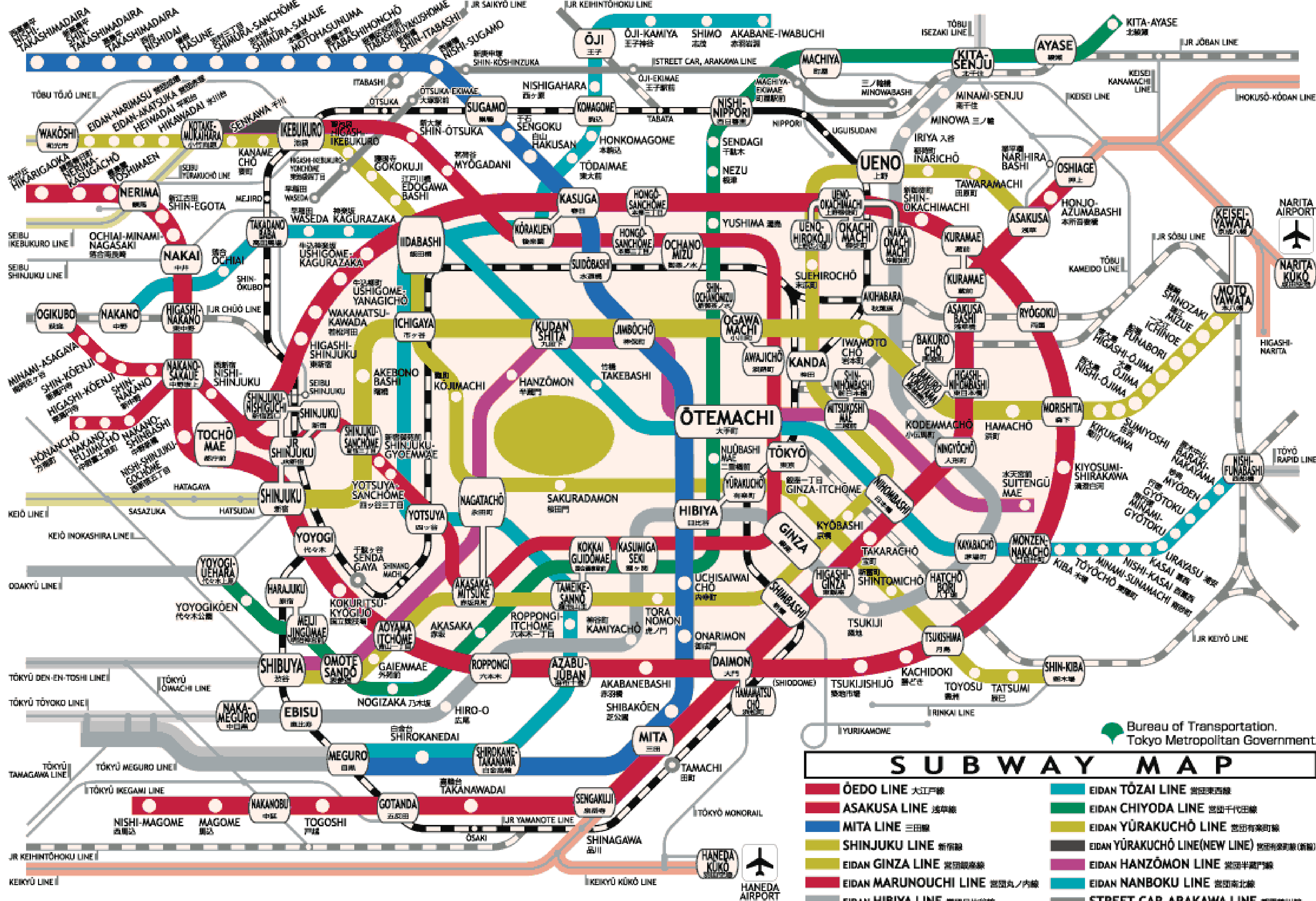


TOKYO NETWORKS

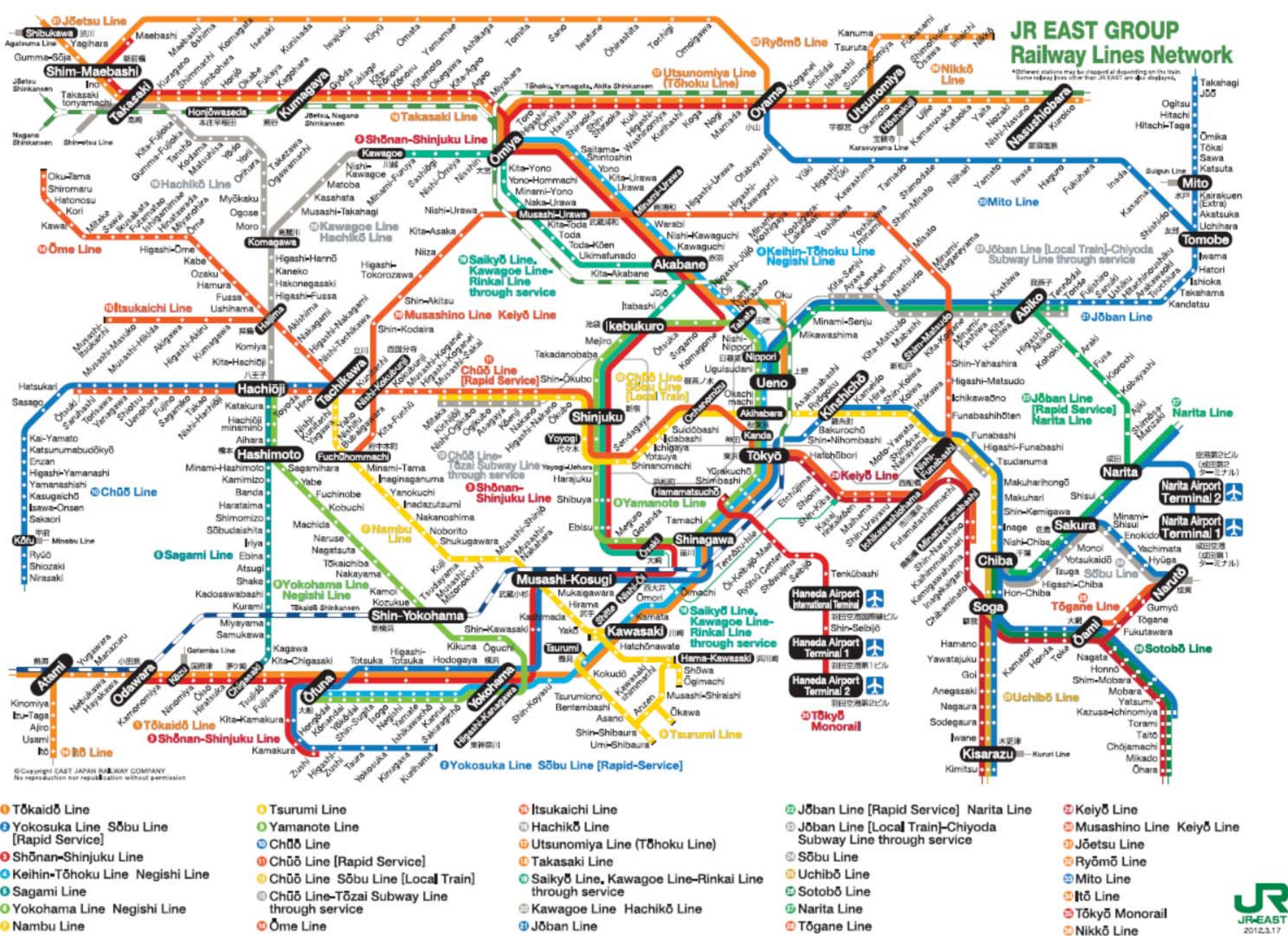
Tokyo Metro



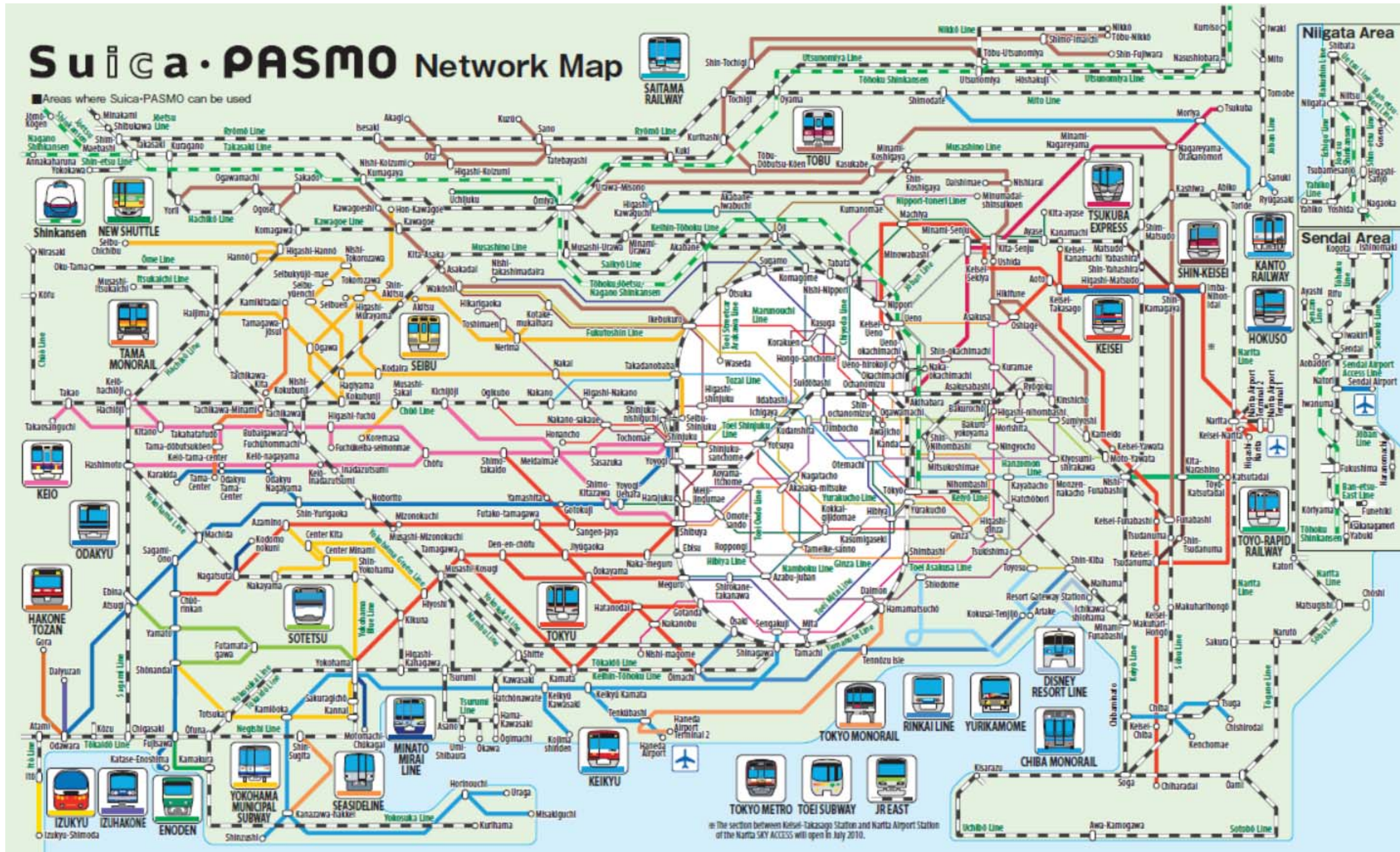
TOEI Metro



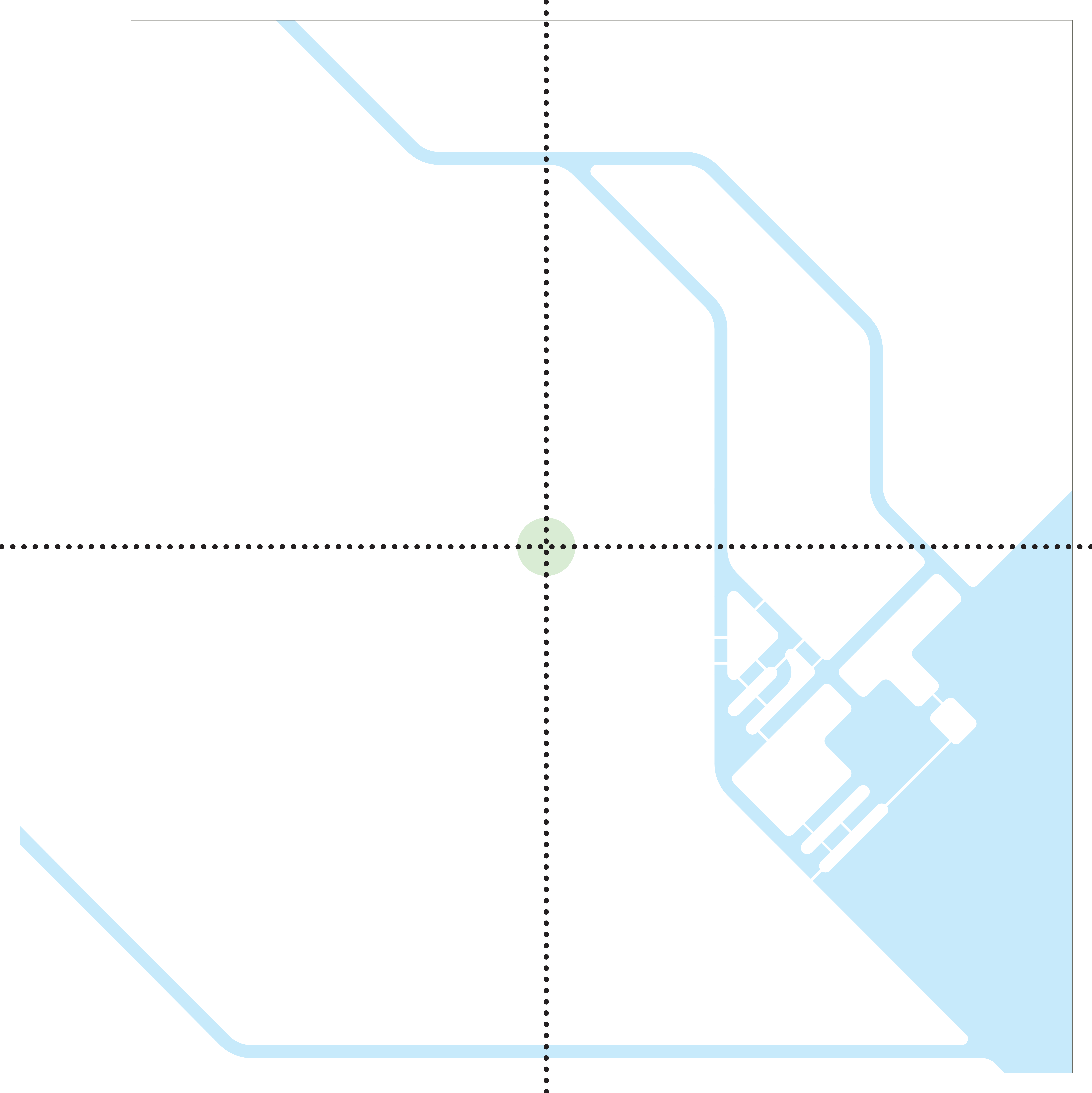
Rail JR East



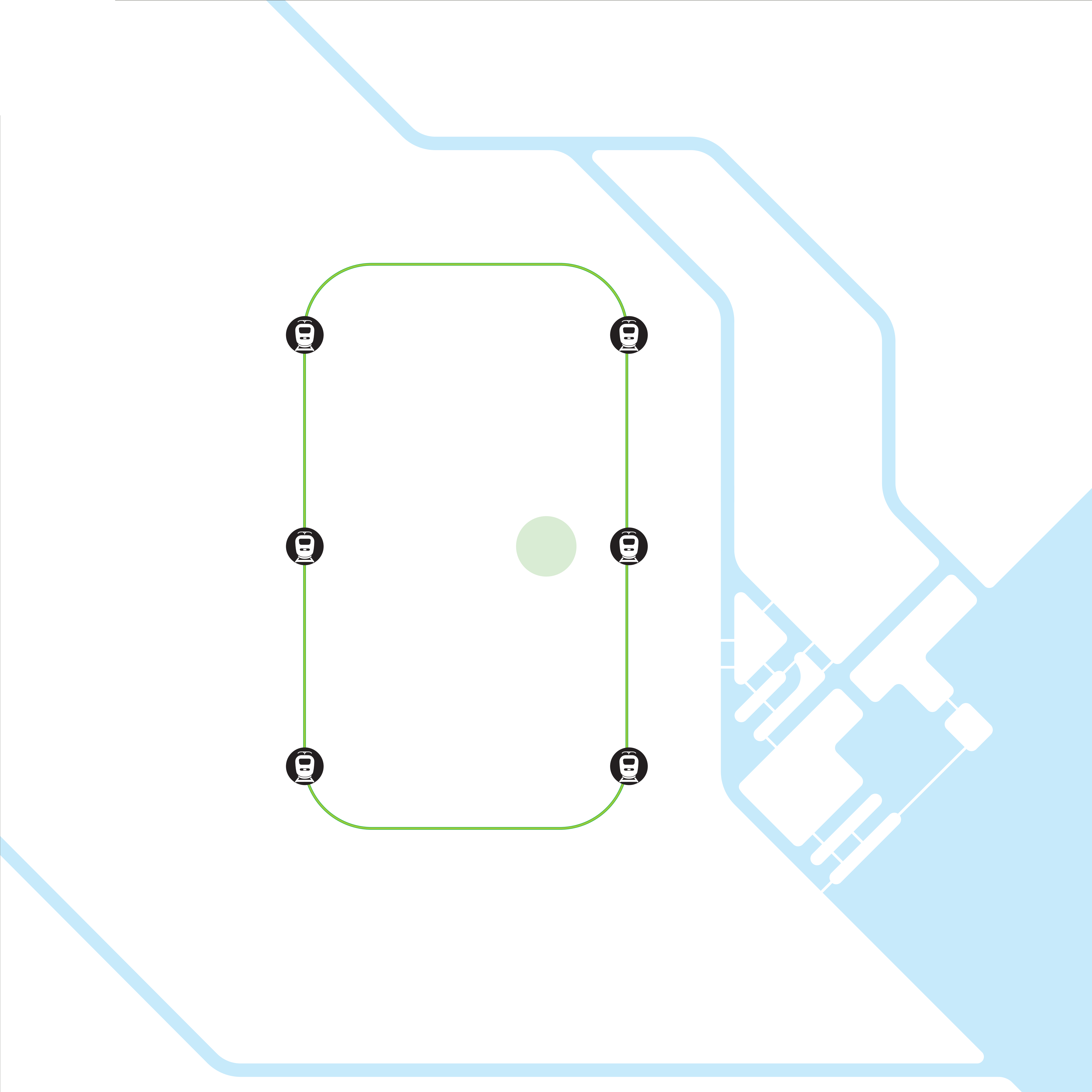
Private Rail Companies



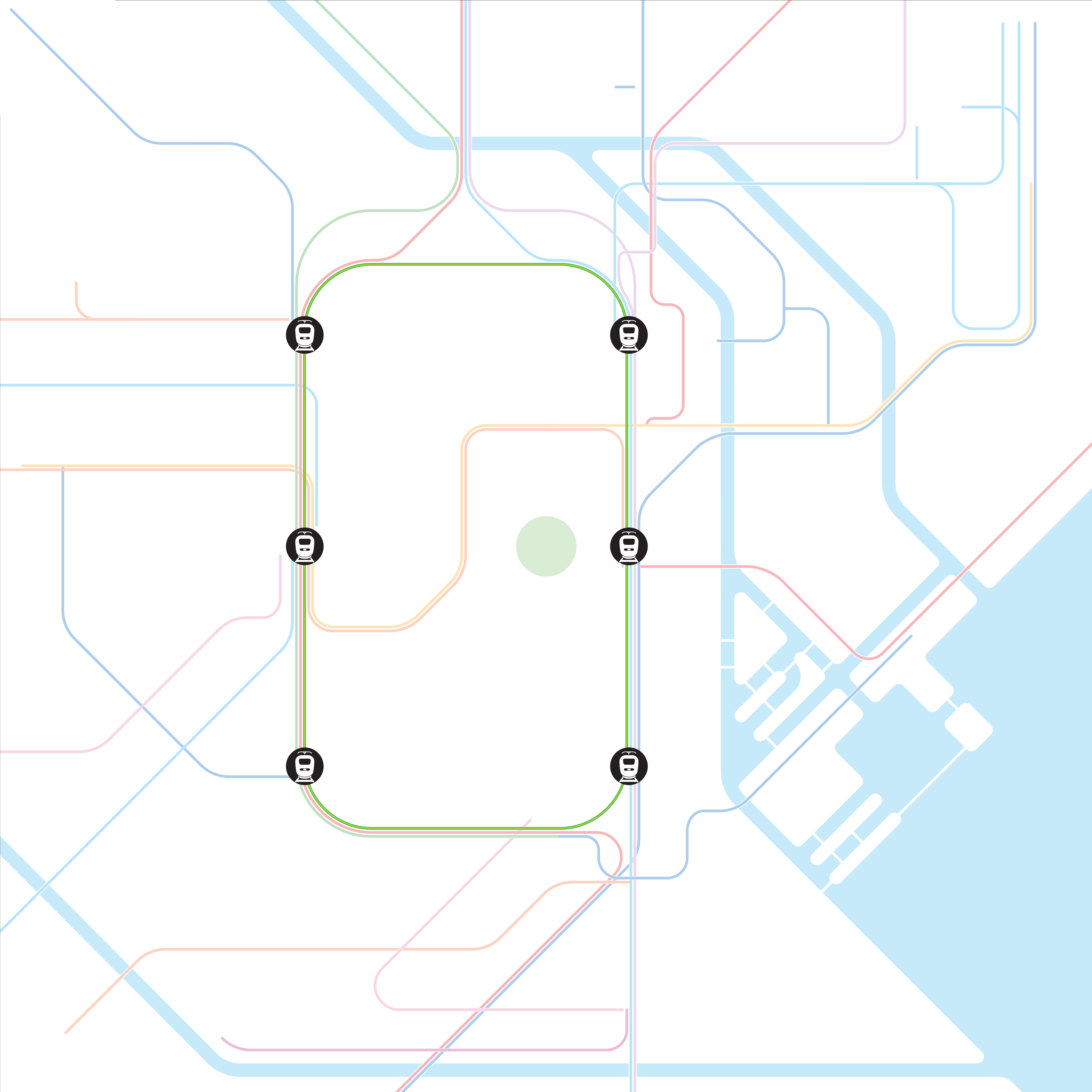
CITYSCAPE



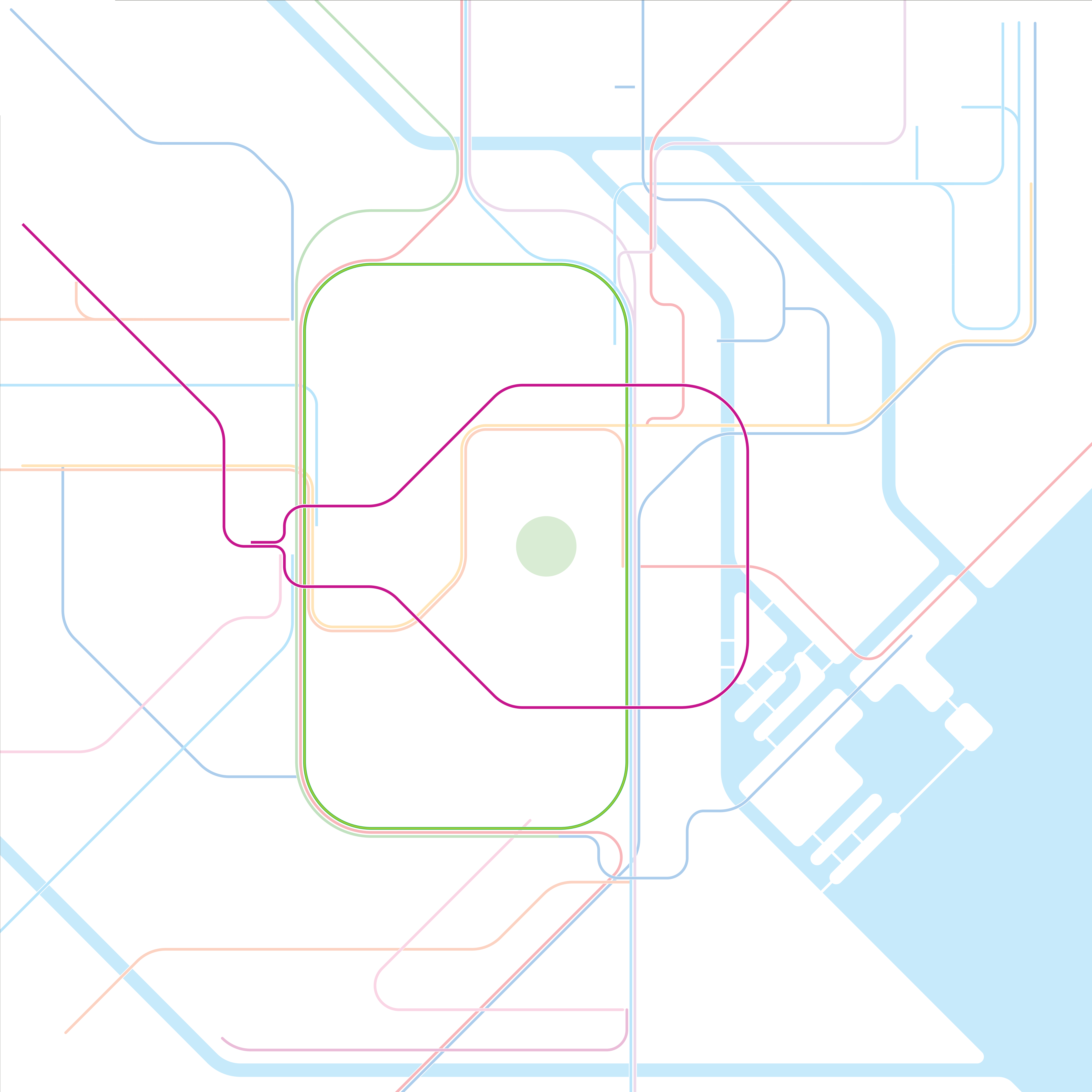
YAMANOTE RING LINE



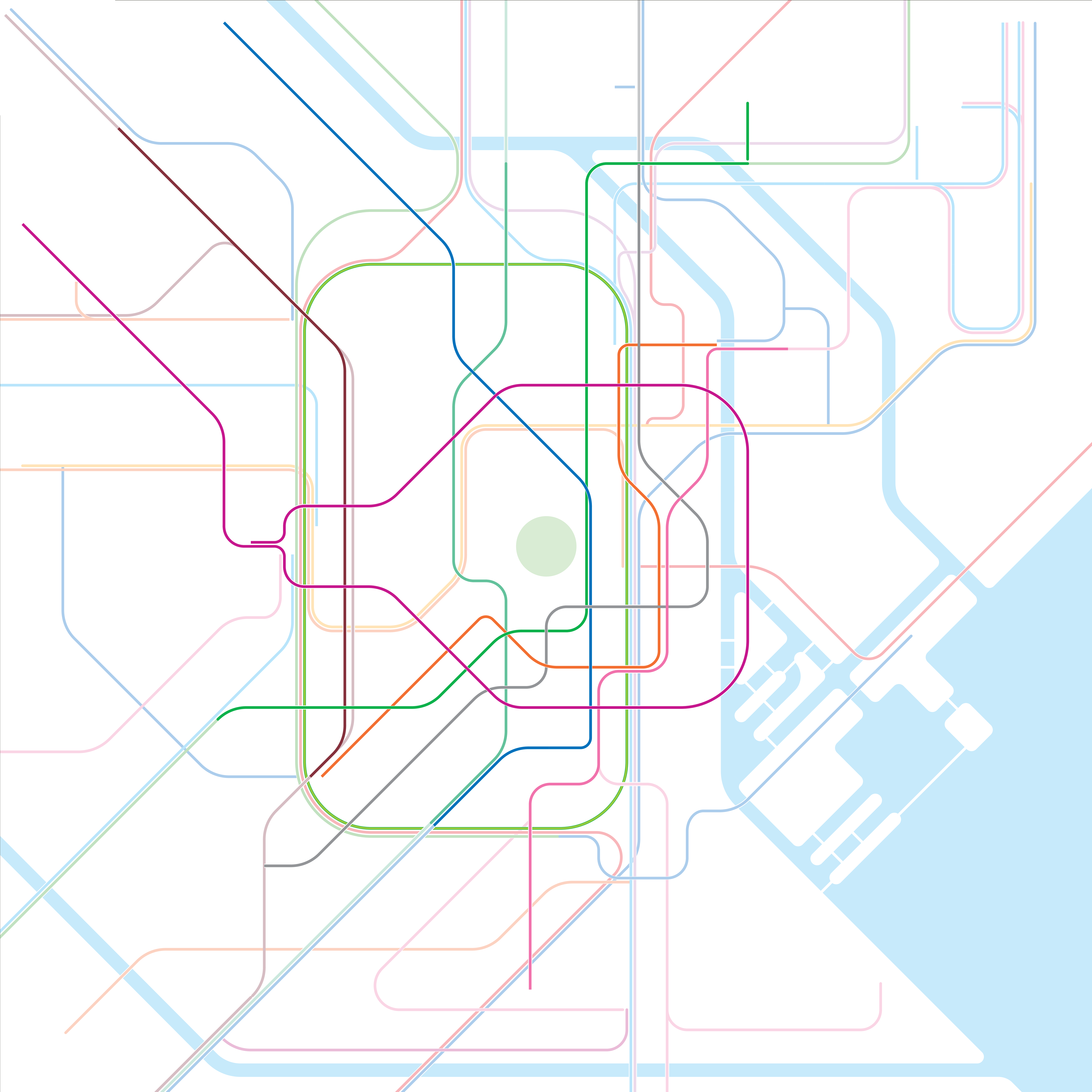
RAIL LINES



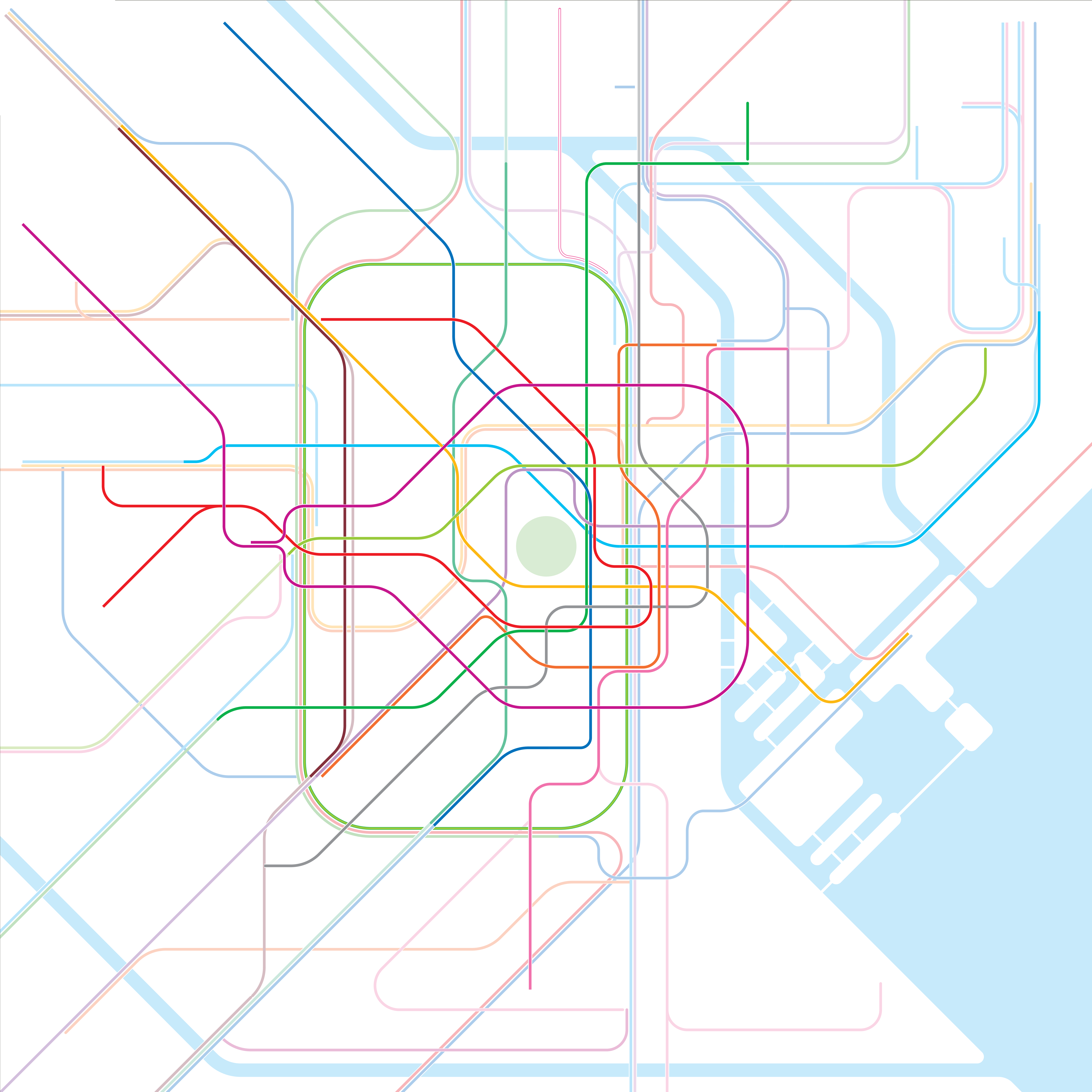
OEDO LOOP LINE



NORTH-SOUTH METRO LINES



EAST-WEST METRO LINES



TOKYO METRO MAP



ONE METRO WORLD



GRAPHIC STANDARD

COMPONENTS

LINE TYPE	Metro	Commuter Rail	Light Rail	Bus Rapid Transit (BRT)	Tramway	Bus	Ferry	Cable Car
Station								
Terminal Station								
Line Label								

TRANSFER STATION	Regular transfer	Transfer between stations with different names	Long walk transfer	Out of system transfer

STATION NAME	Regular Station	Terminal Station
	Châtelet	CHÂTELET

COLORS	
--------	--

ICONS	Airport	Railway Station	Bus Terminal	Maritime Terminal

LANDSCAPE	Park	Water

COMPOSITION

ANGLES	Straight	45° bend	90° bend

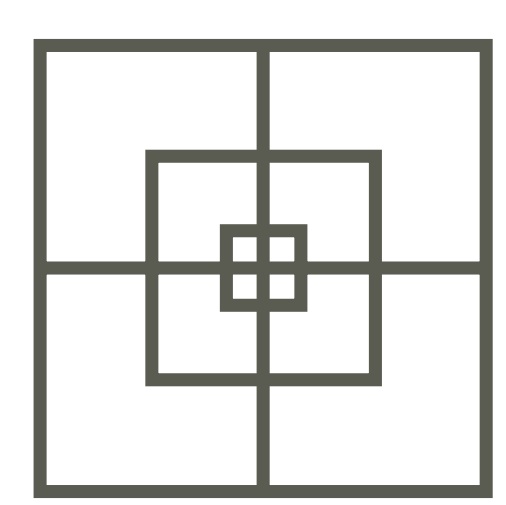
INTERACTION			
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SCHEMATIZATION	
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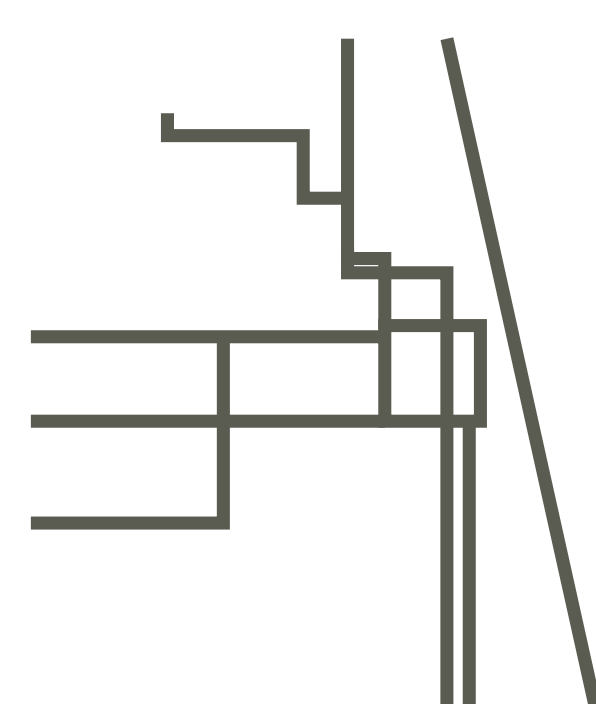
RHYTHM AND SYMMETRY	
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SYMBOLIC SHAPES	
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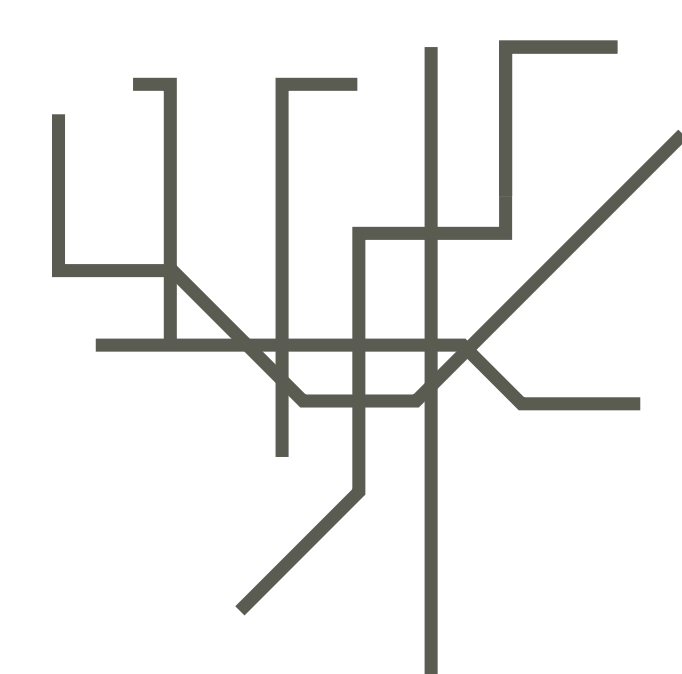
ICONIC MAPS



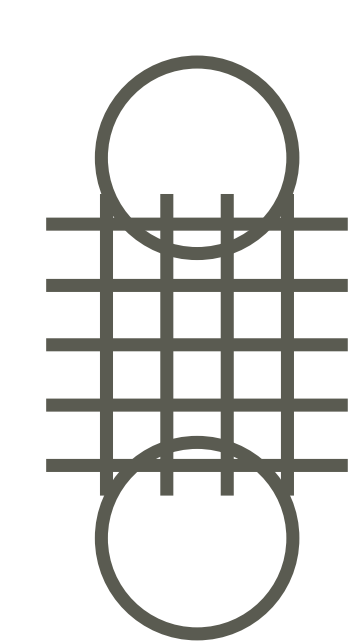
Mexico



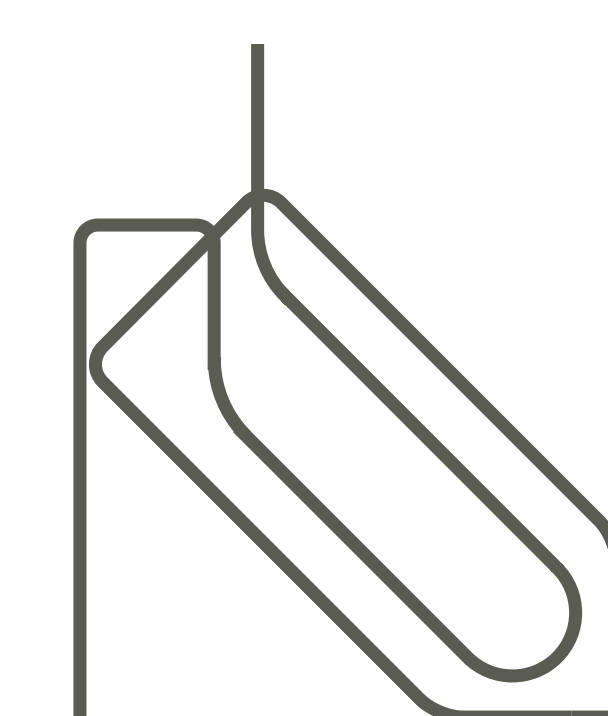
Chicago



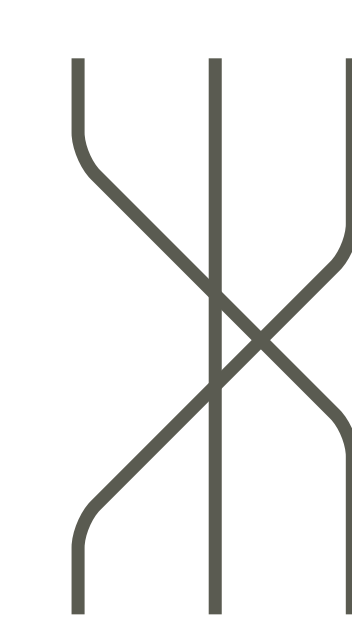
Tehran



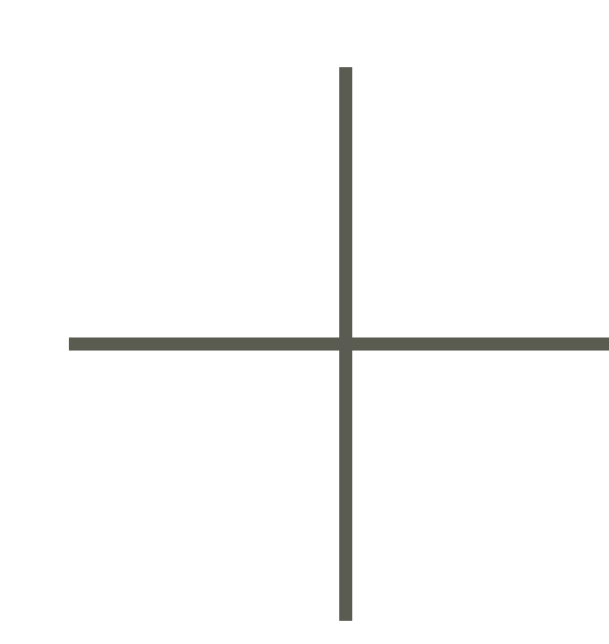
Osaka



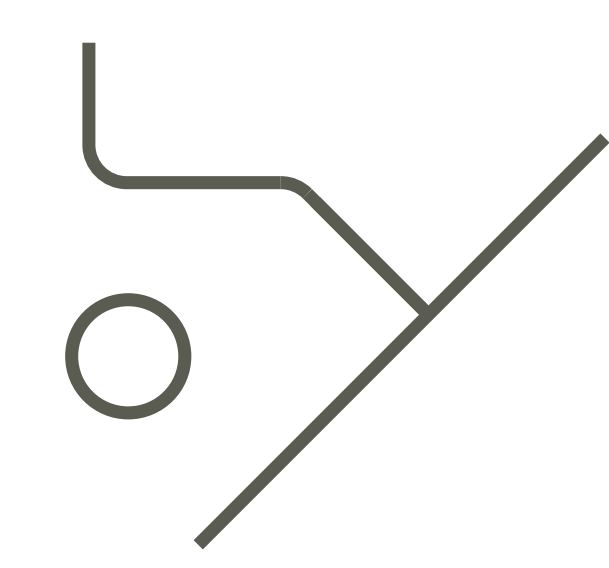
San Francisco



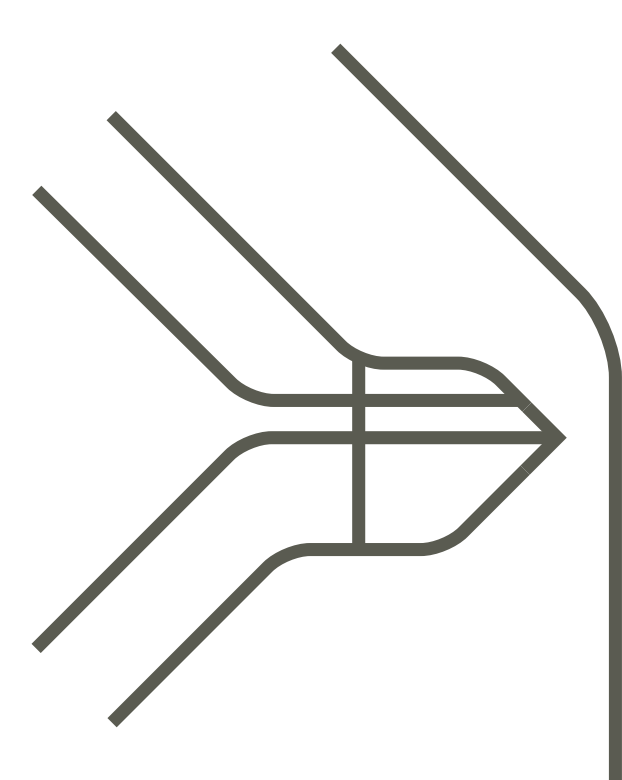
St Petersburg



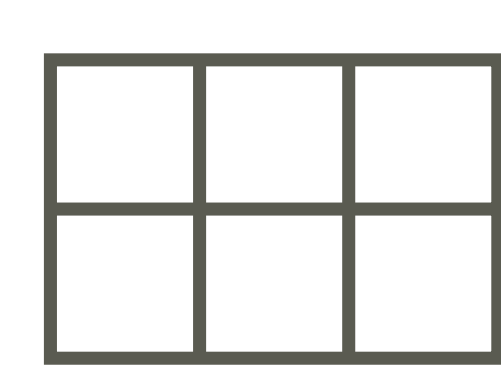
Xi'an



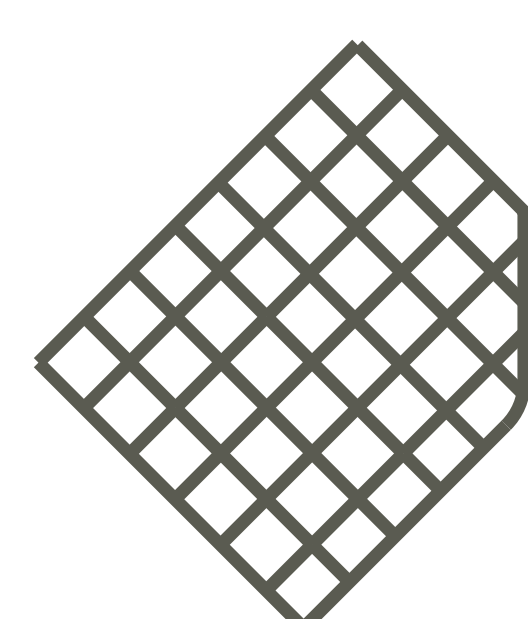
Hangzhou



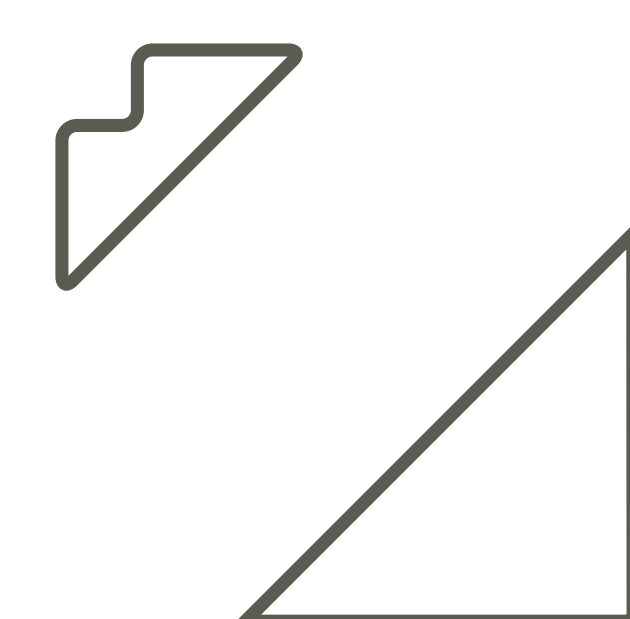
Buenos Aires



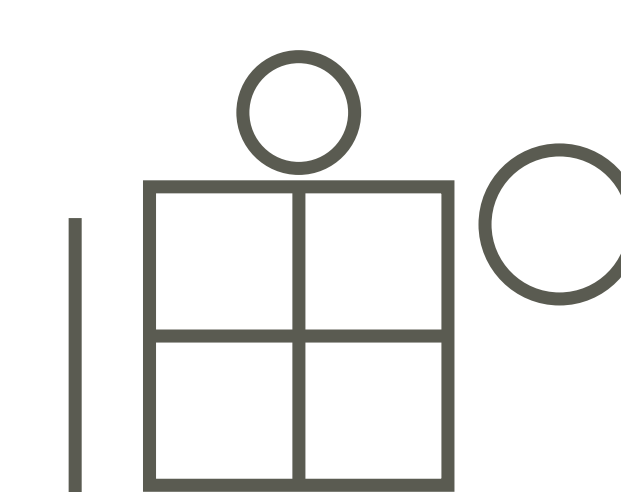
Taipei



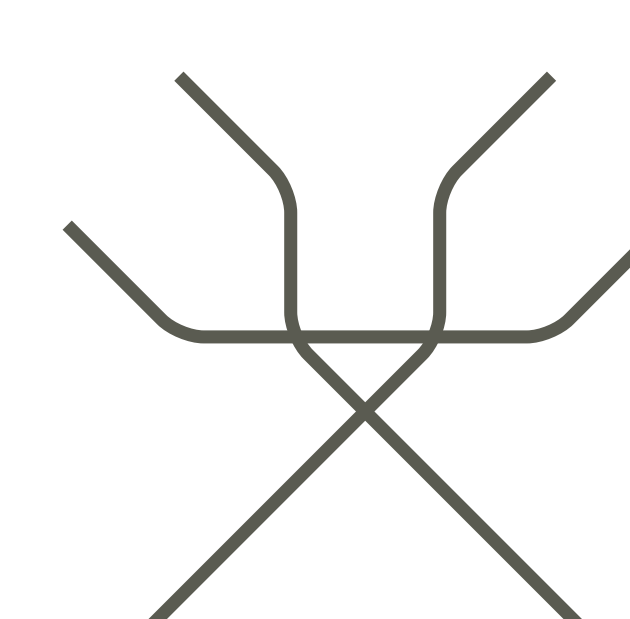
Toronto



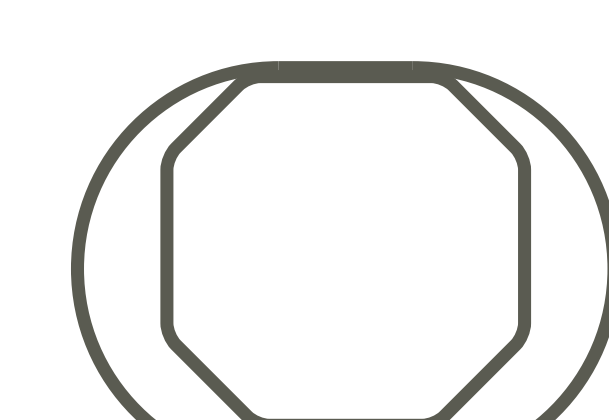
Barcelona



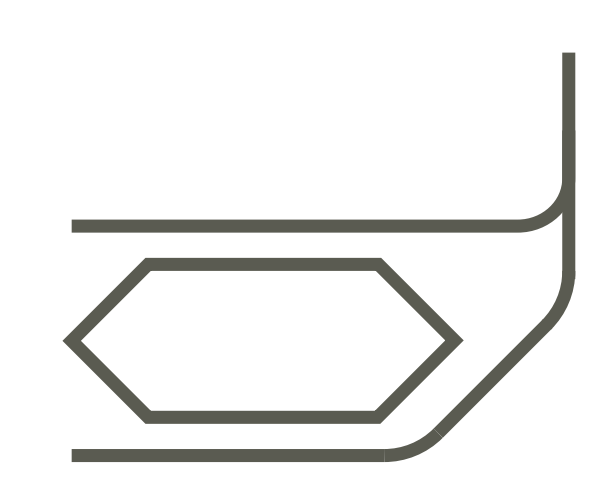
Nanjing



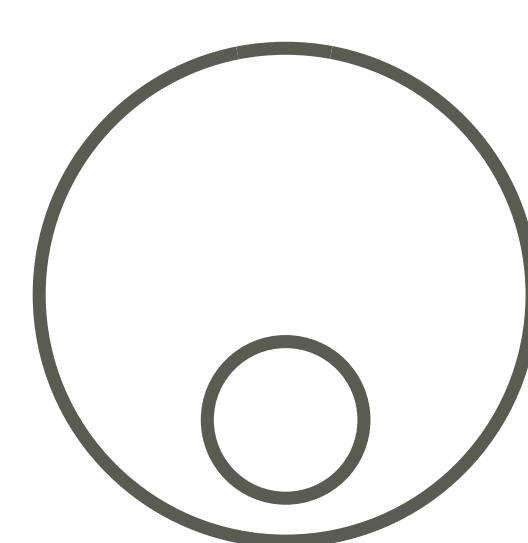
Tianjin



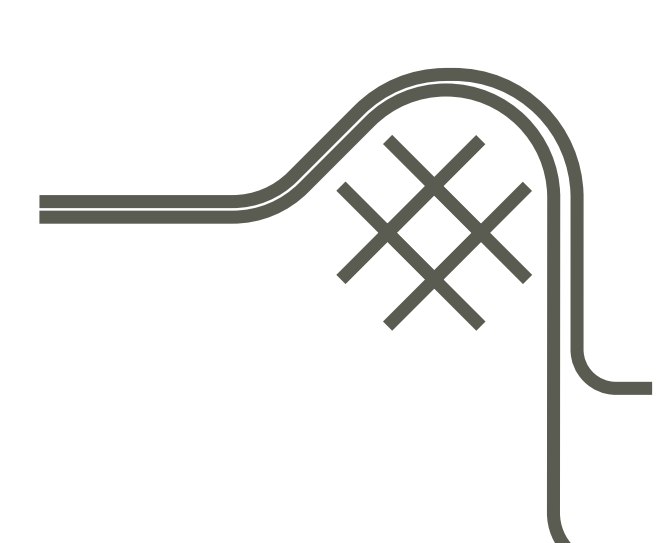
Chengdu



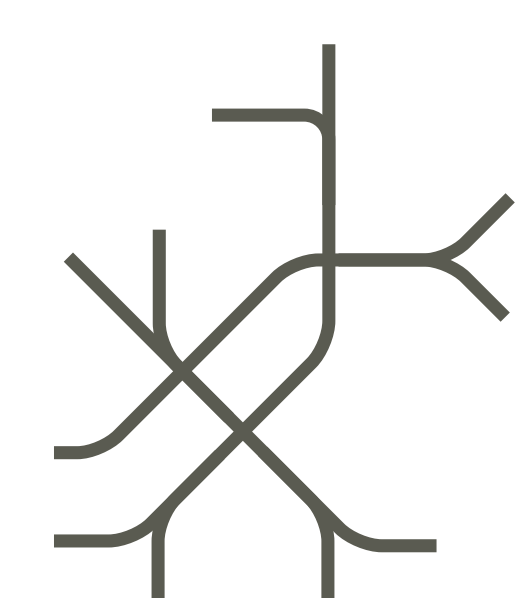
Chongqing



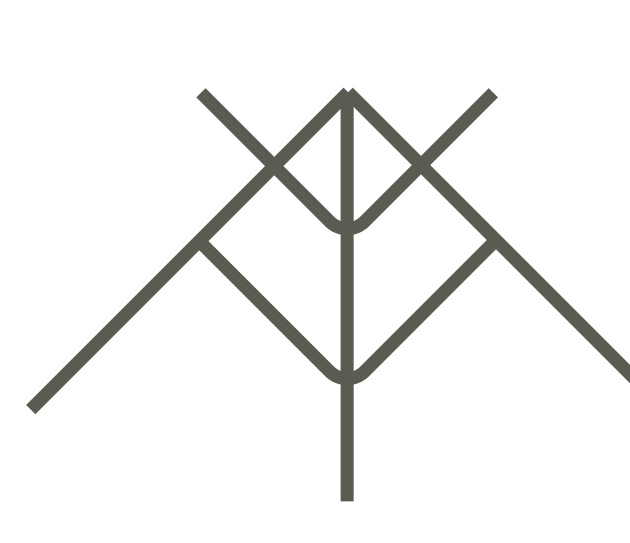
Delhi



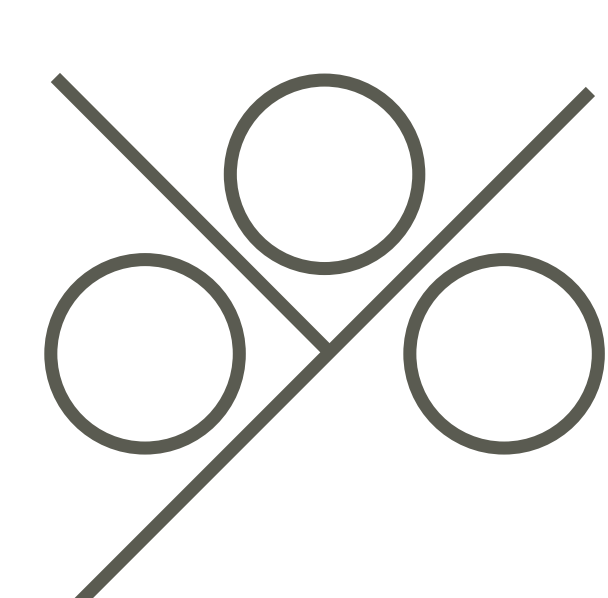
Boston



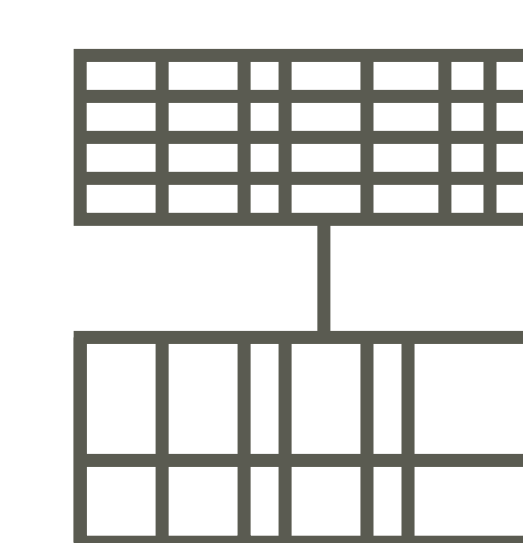
Munich



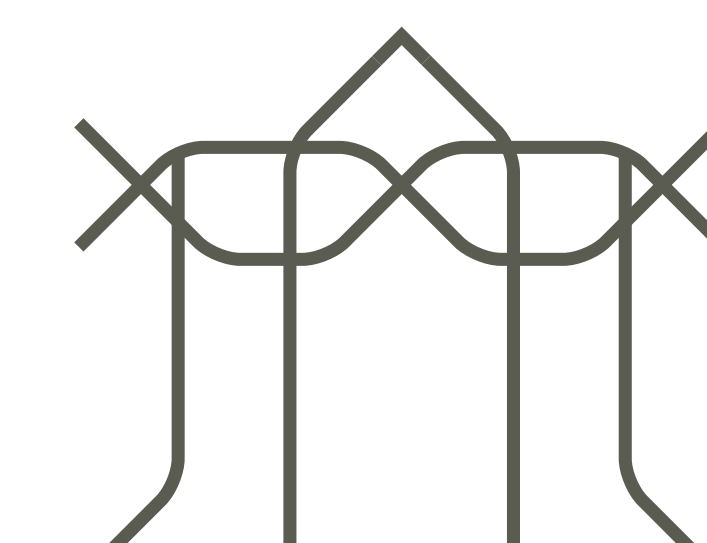
São Paulo



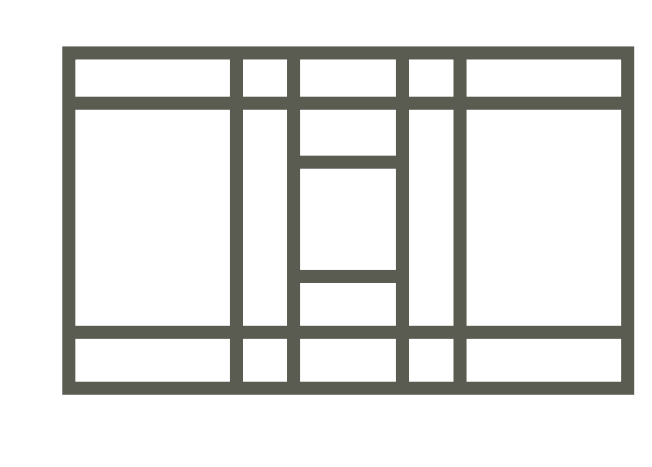
Wuhan



Hong Kong



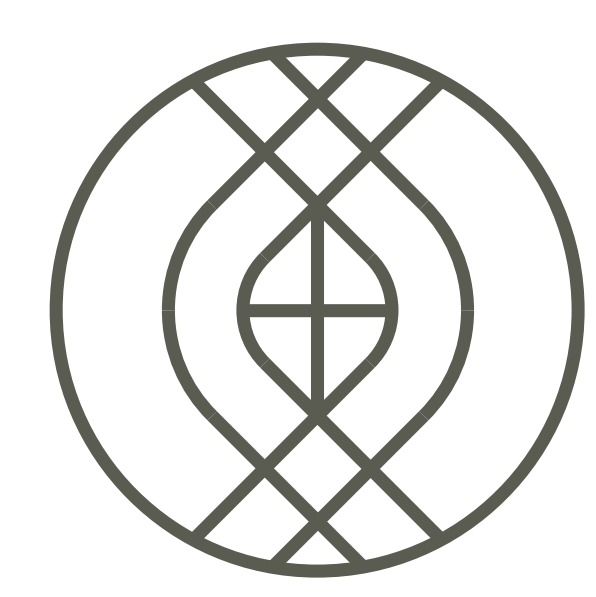
Guangzhou



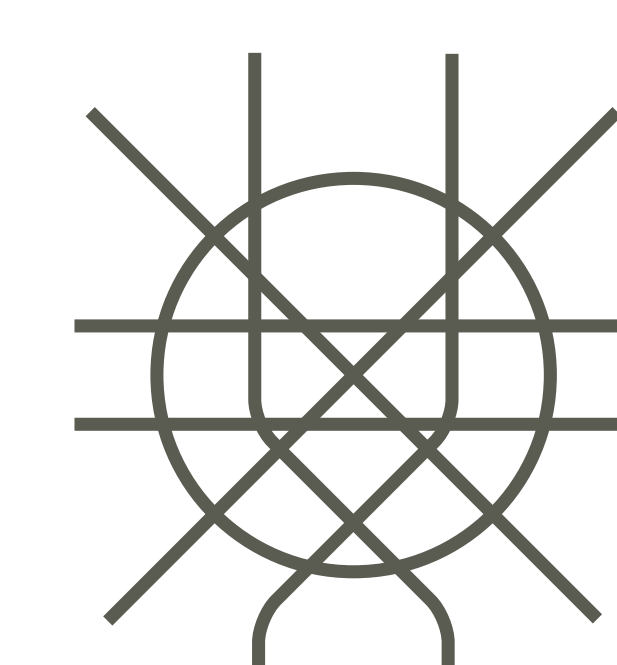
Shanghai



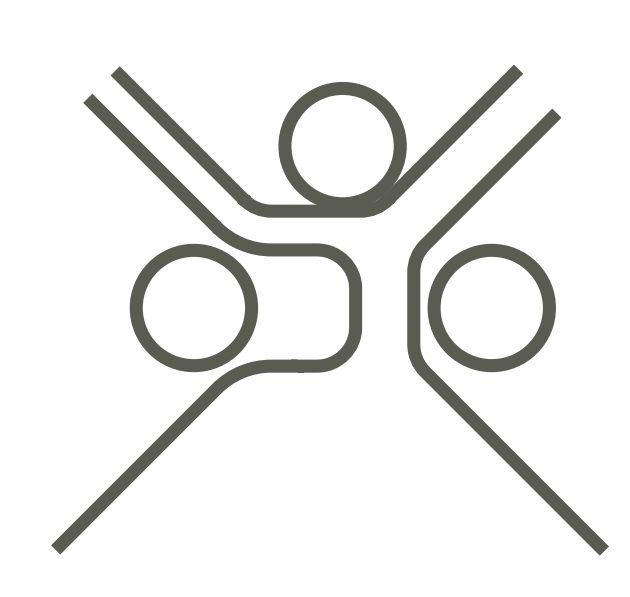
Washington



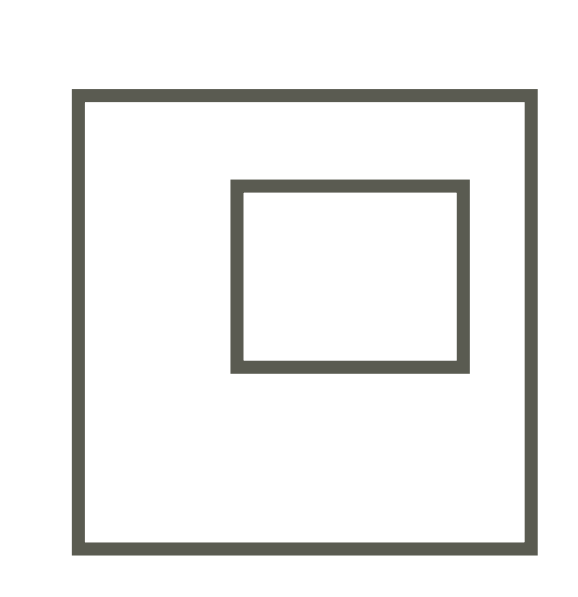
Vienna



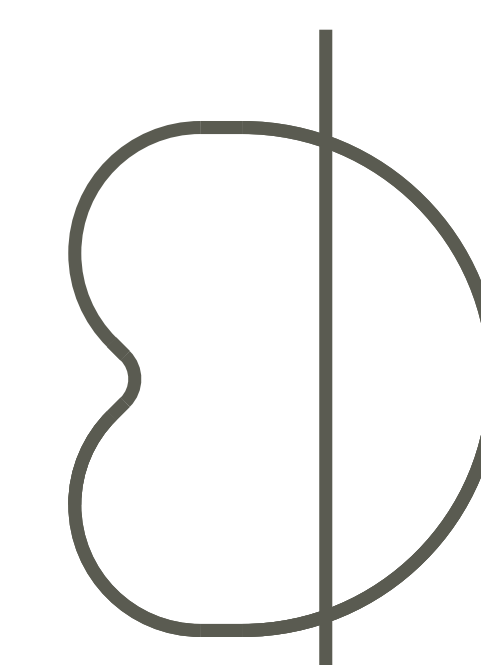
Moscow



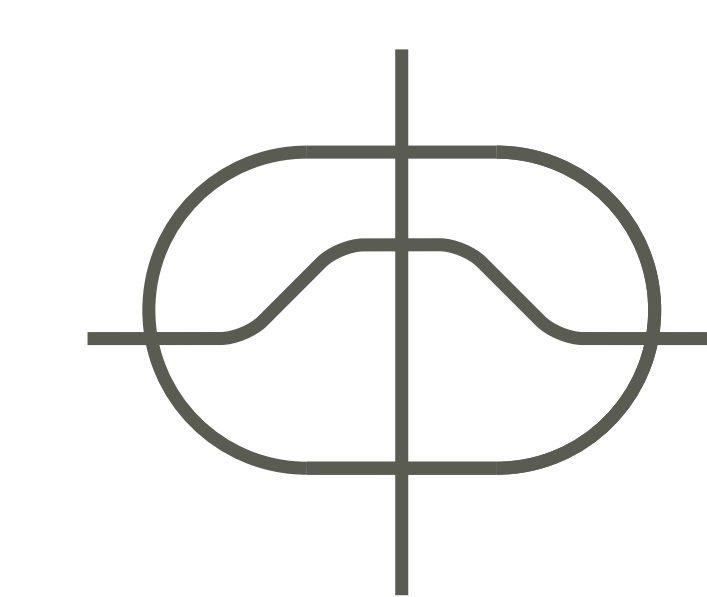
Istanbul



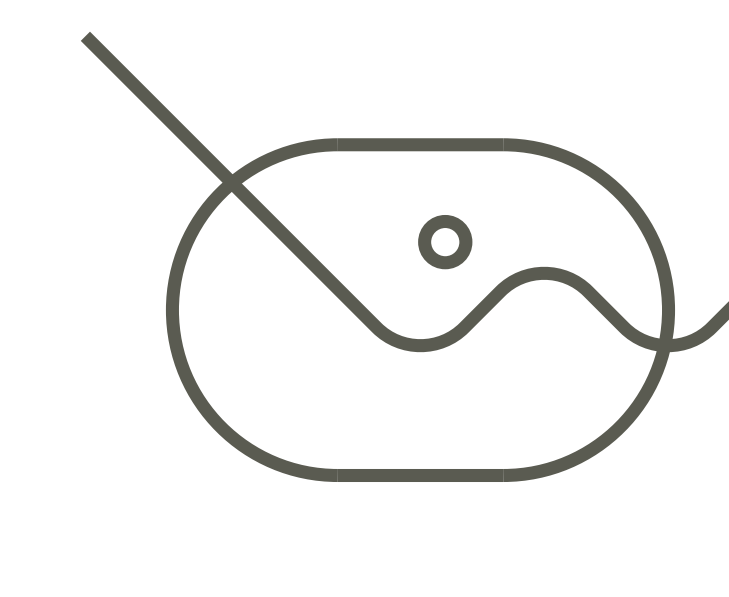
Beijing



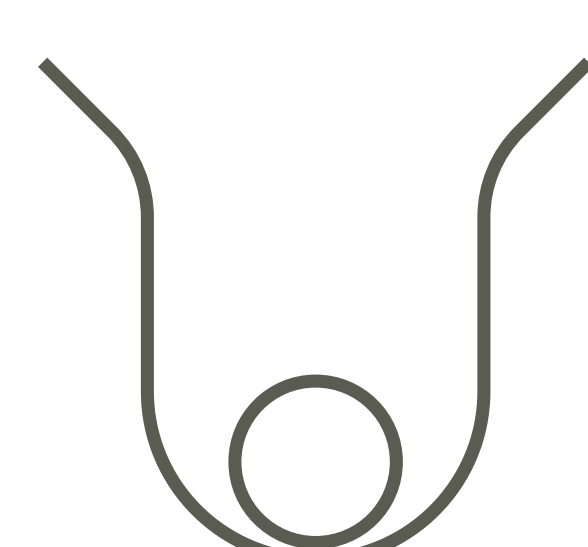
Madrid



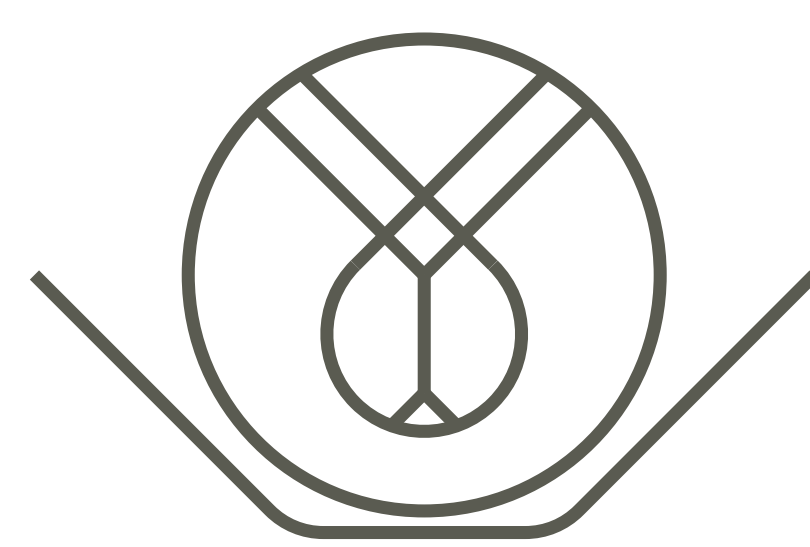
Berlin



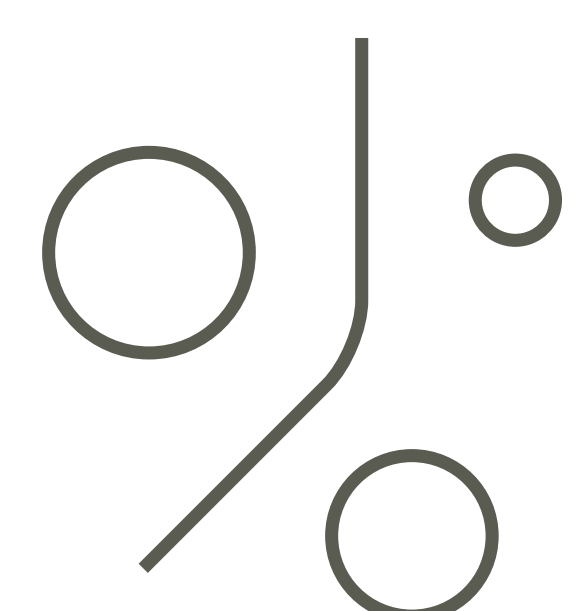
Seoul



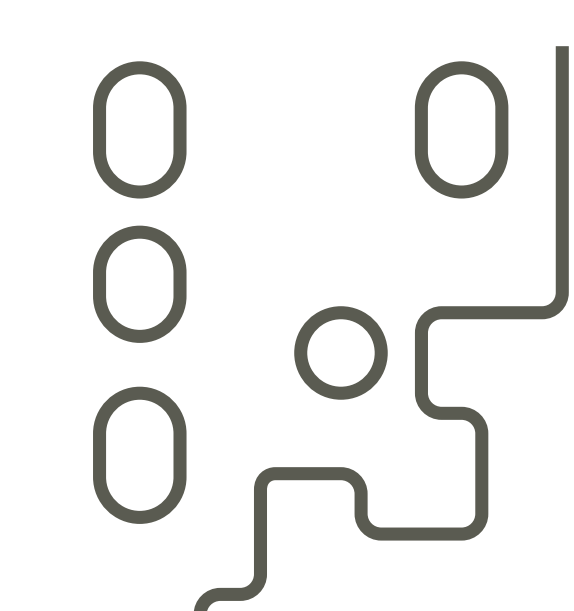
Mumbai



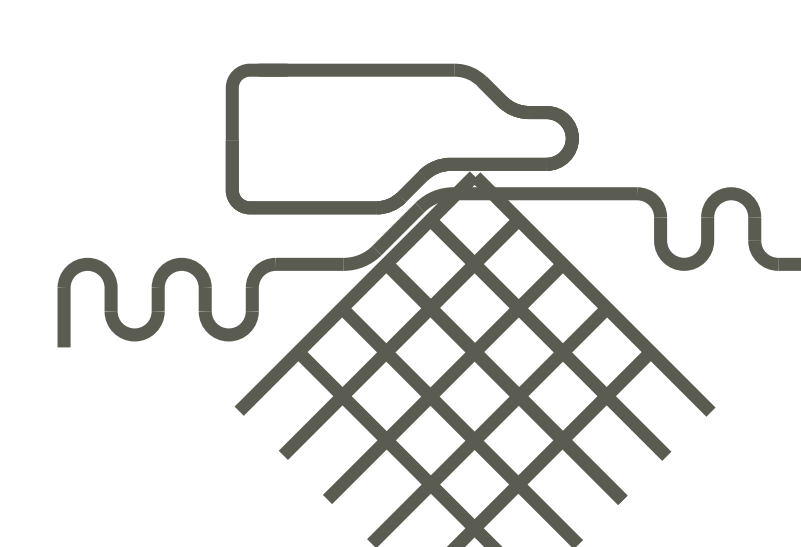
Singapore



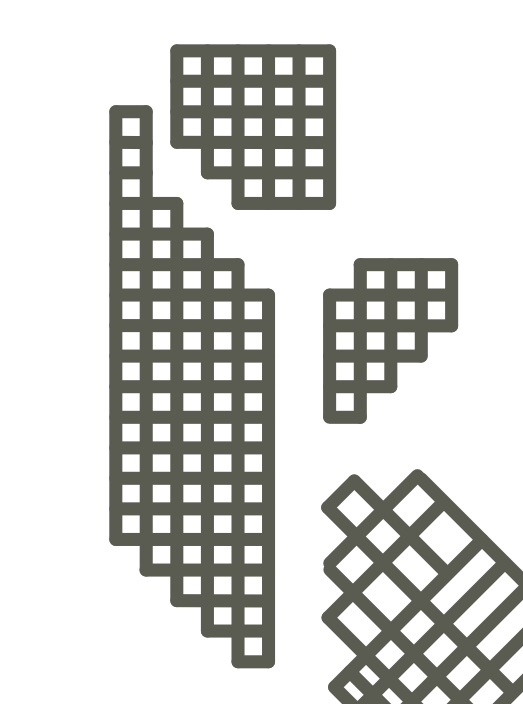
Kuala Lumpur



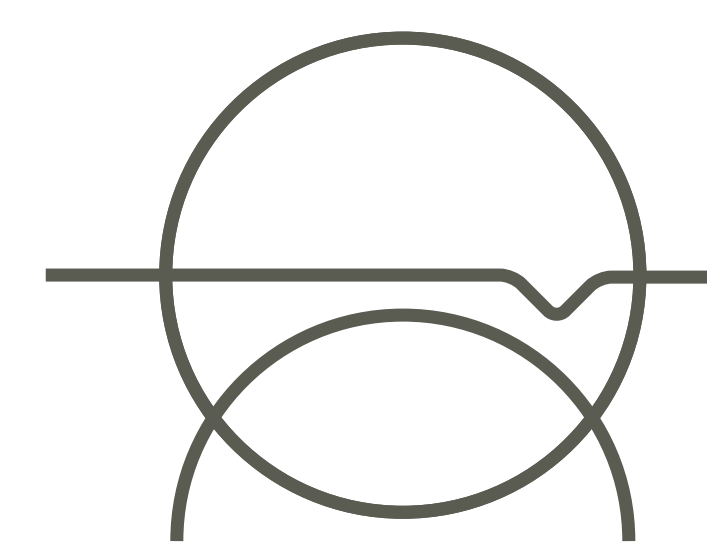
Busan



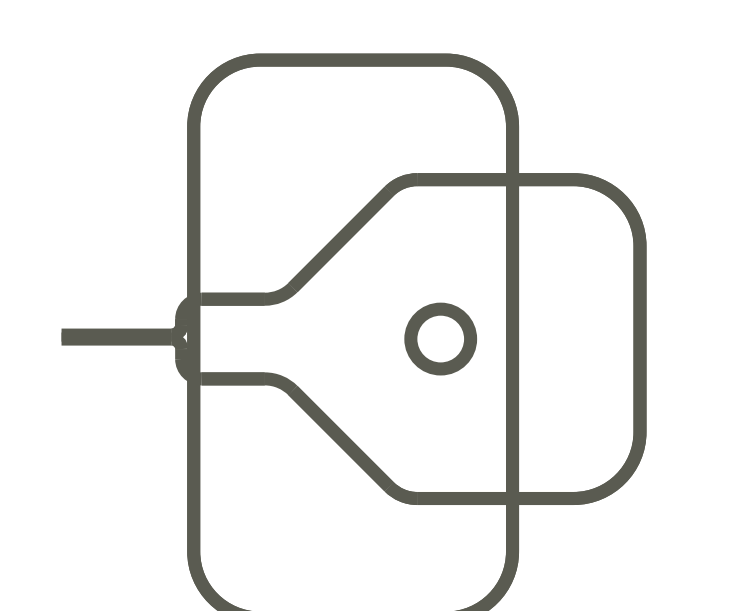
London



New York

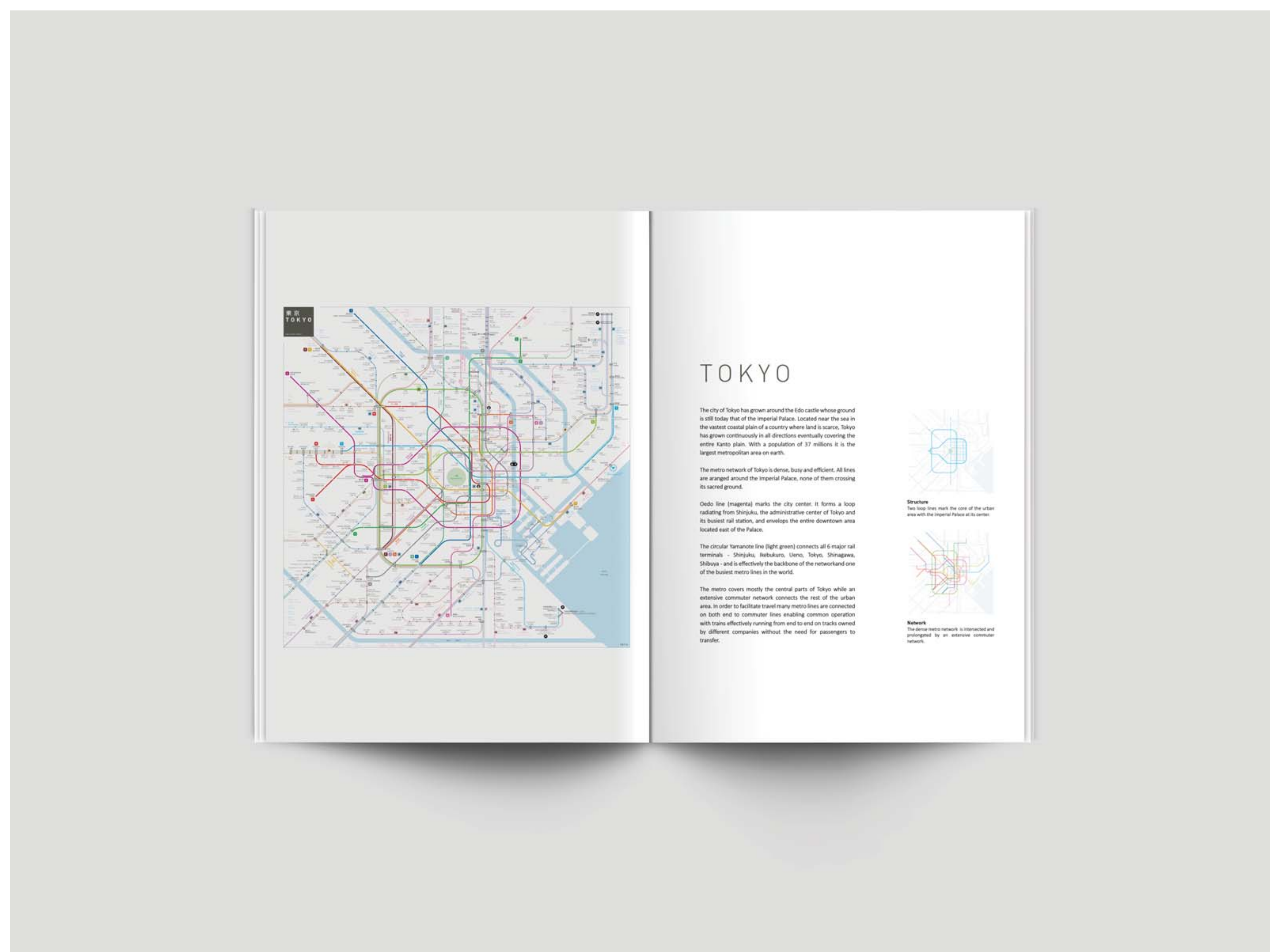


Paris

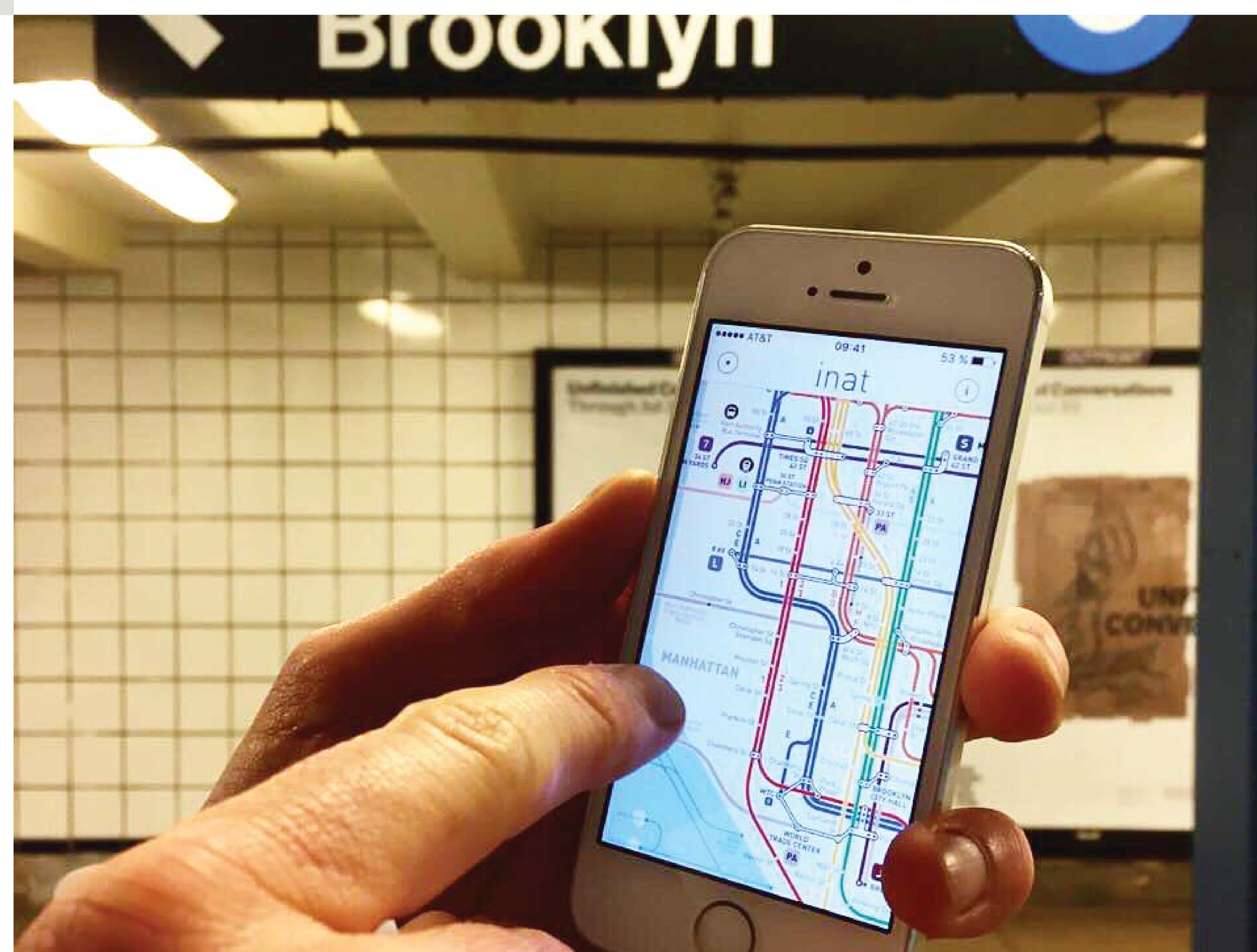


Tokyo

PUBLISHING



ONE METRO WORLD: THE BOOK
160 pages, 40 maps



website inat.fr
inat app
google maps app

02 OVERGROUND



LUXEMBOURG



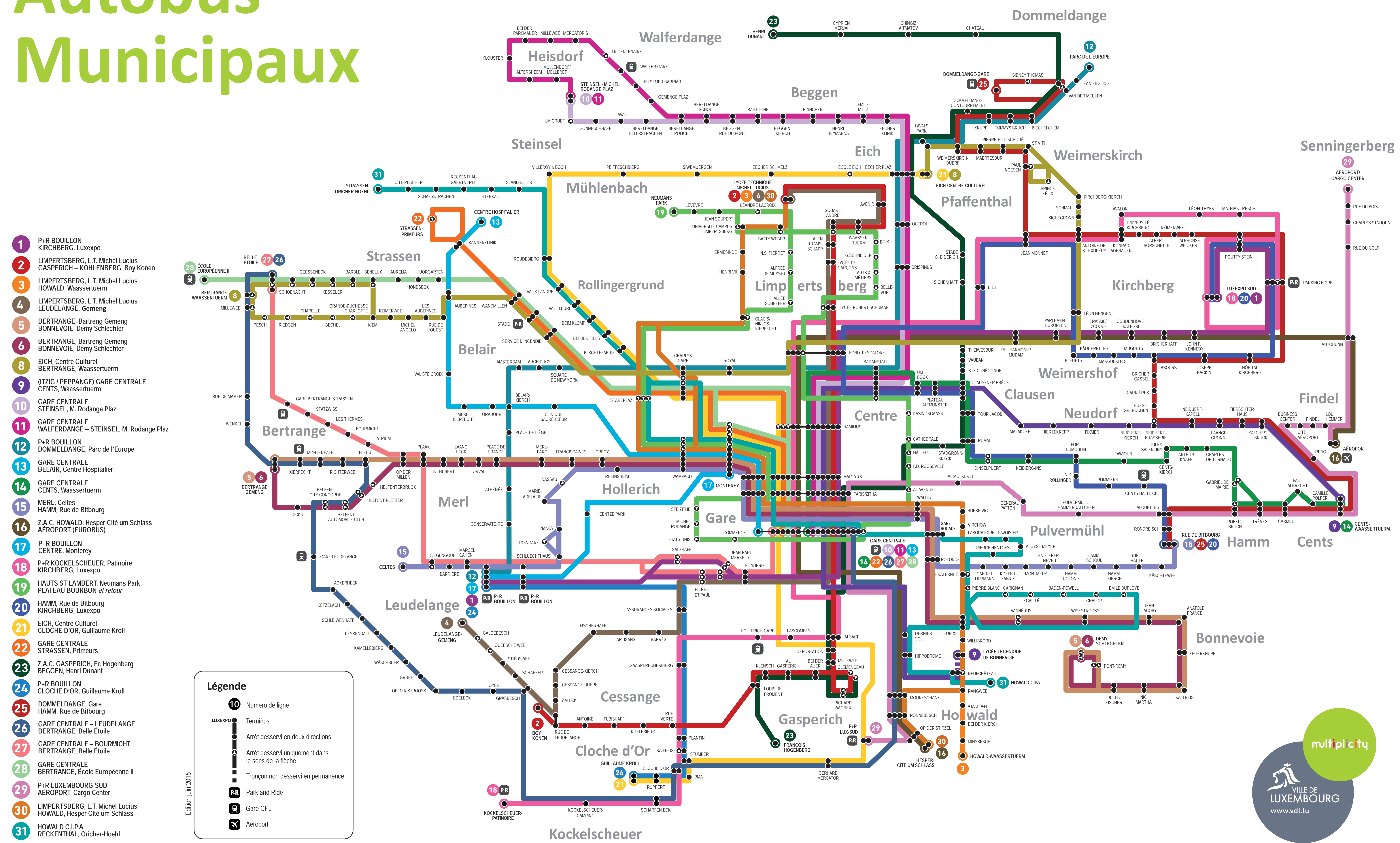
TAKAMATSU

LUXEMBOURG

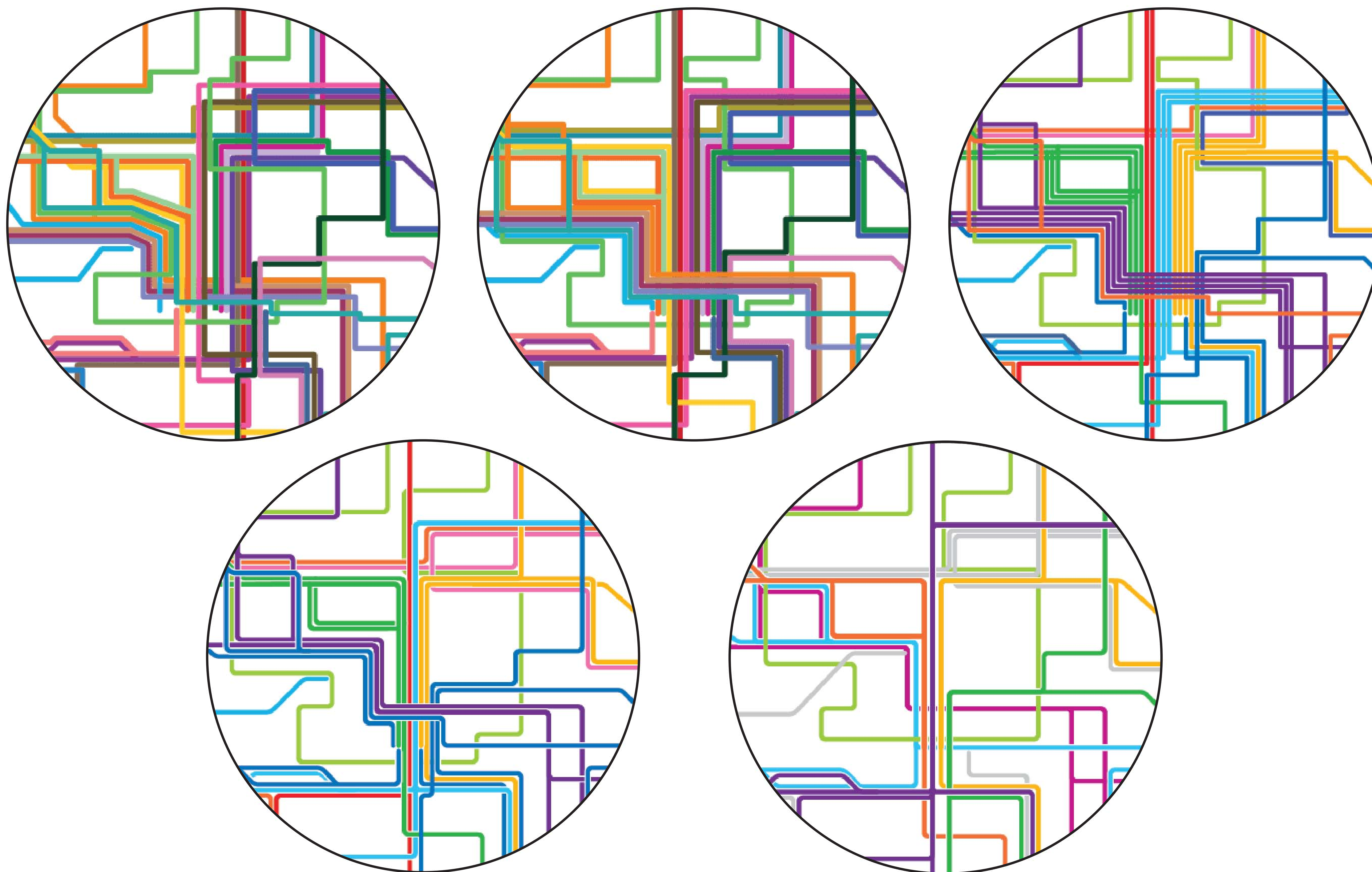


OLD OFFICIAL MAP

Réseau des Autobus Municipaux

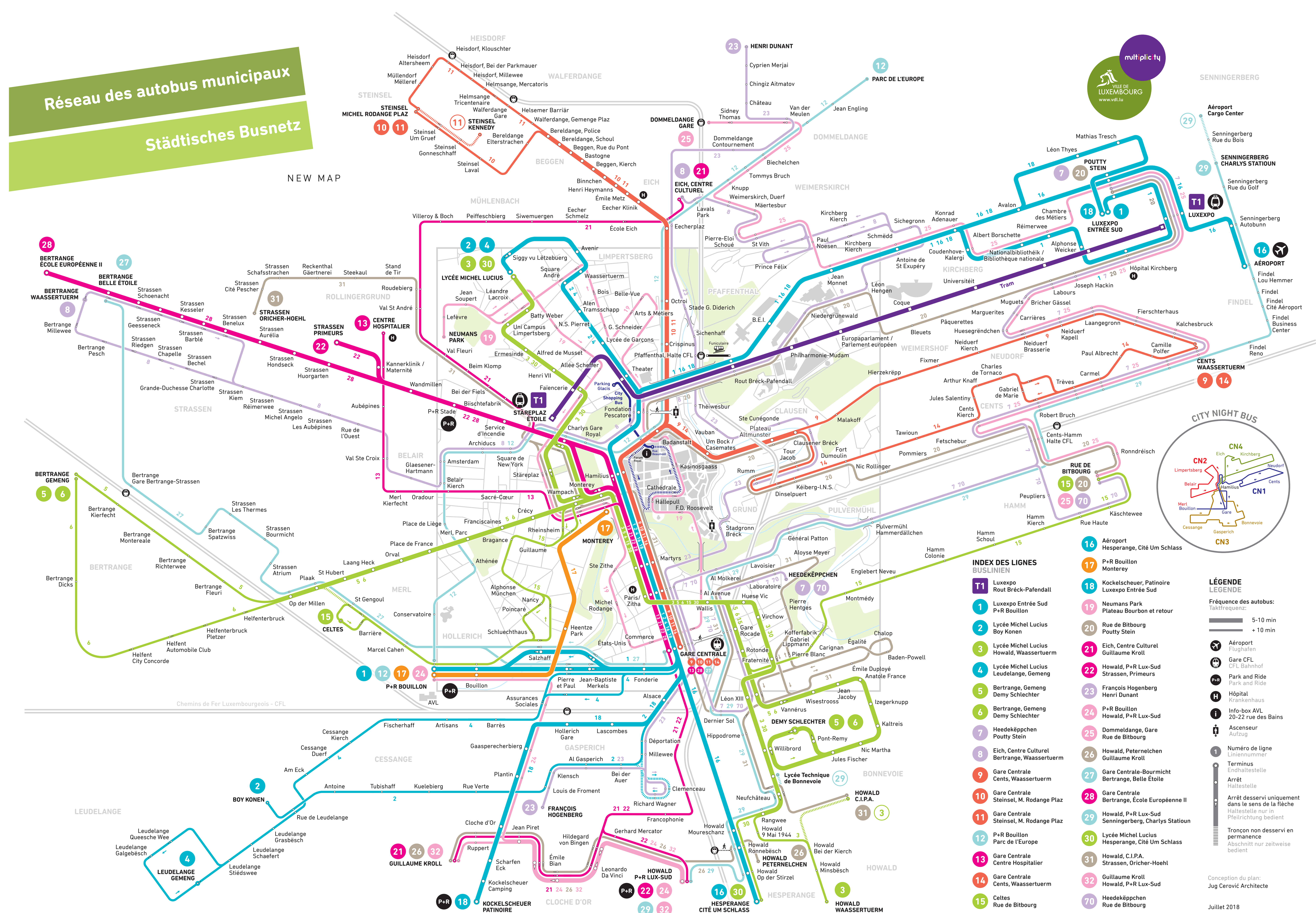


DISENTANGLE

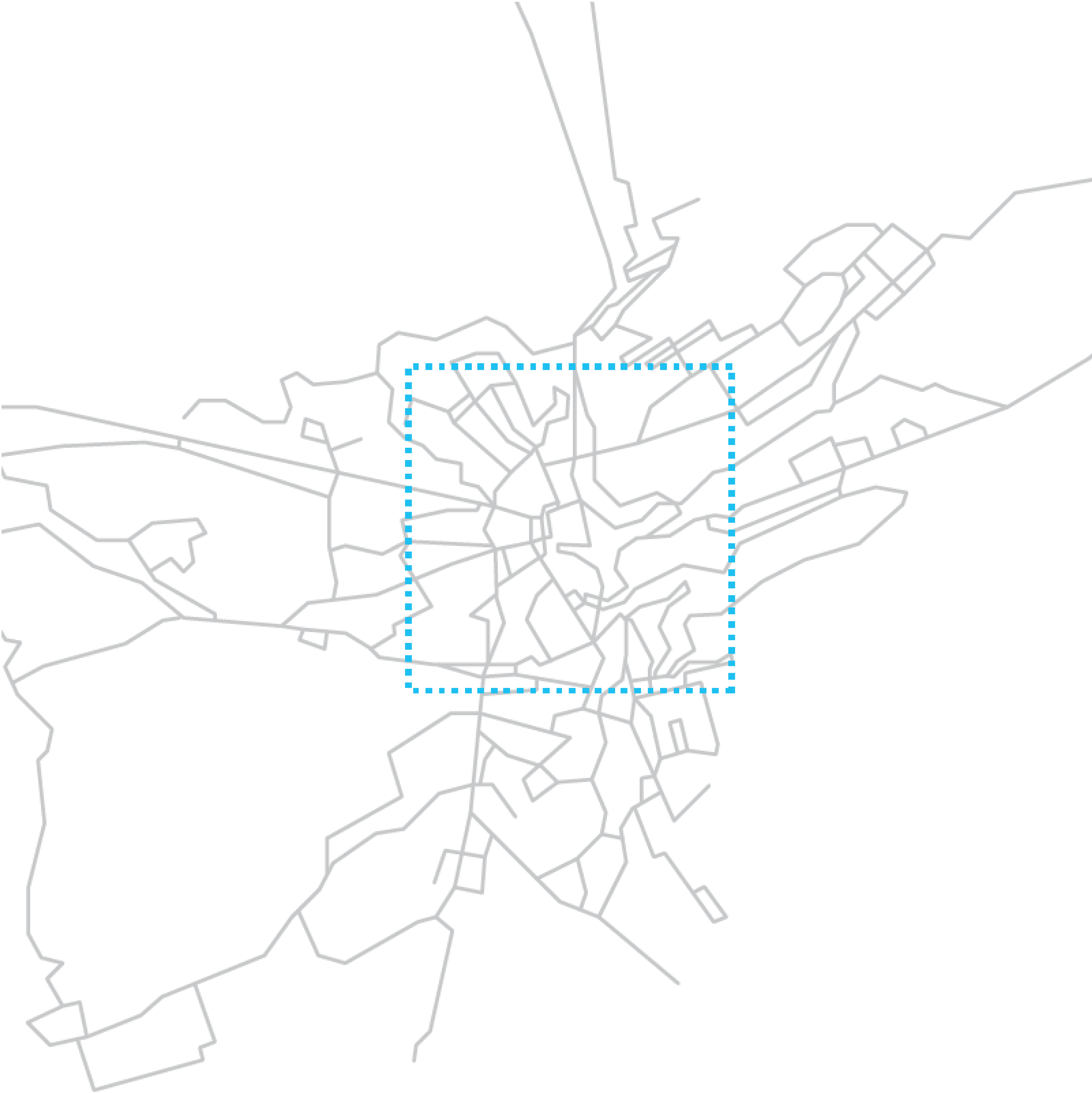


NEW OFFICIAL MAP

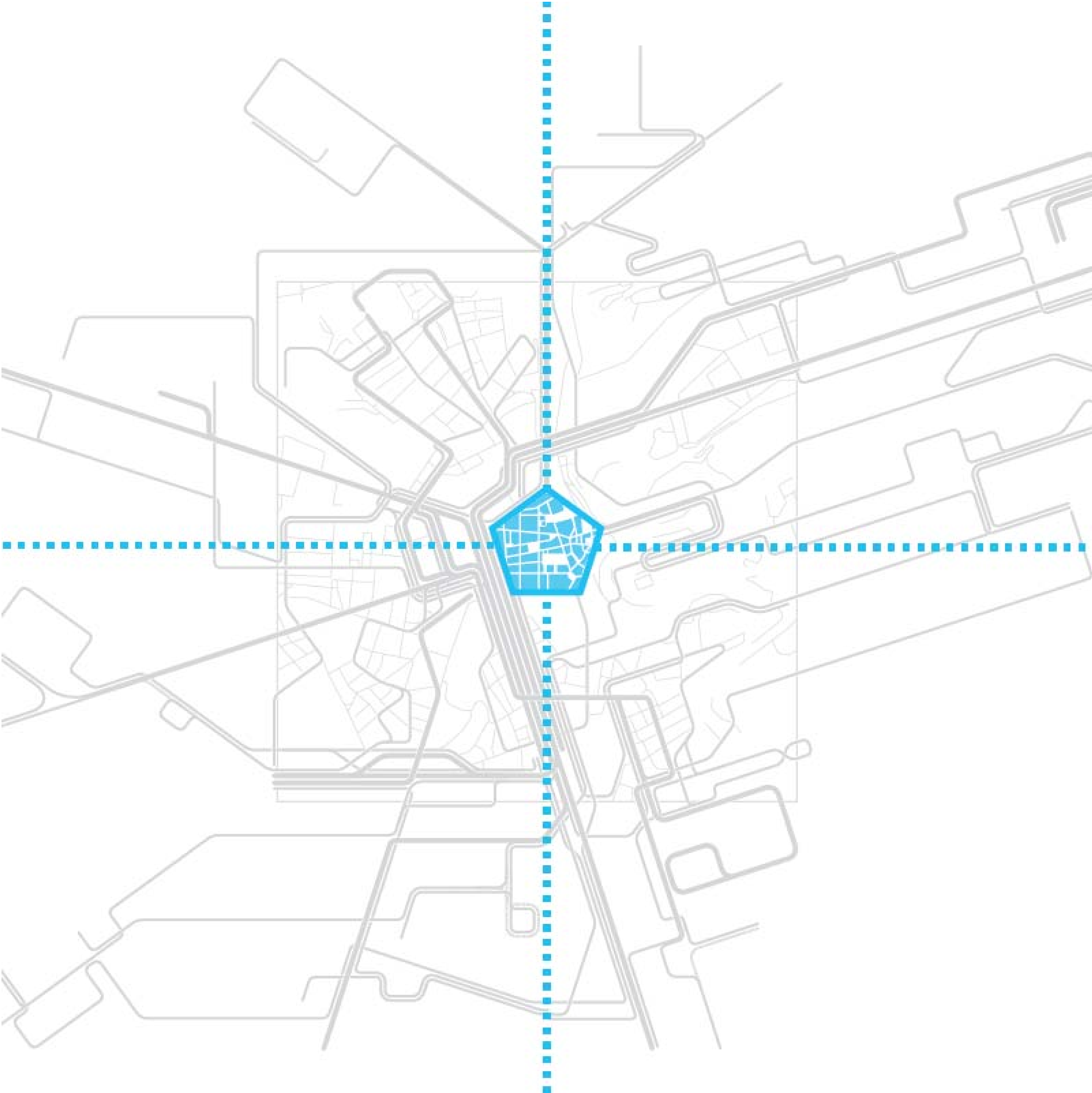
Réseau des autobus municipaux Städtisches Busnetz



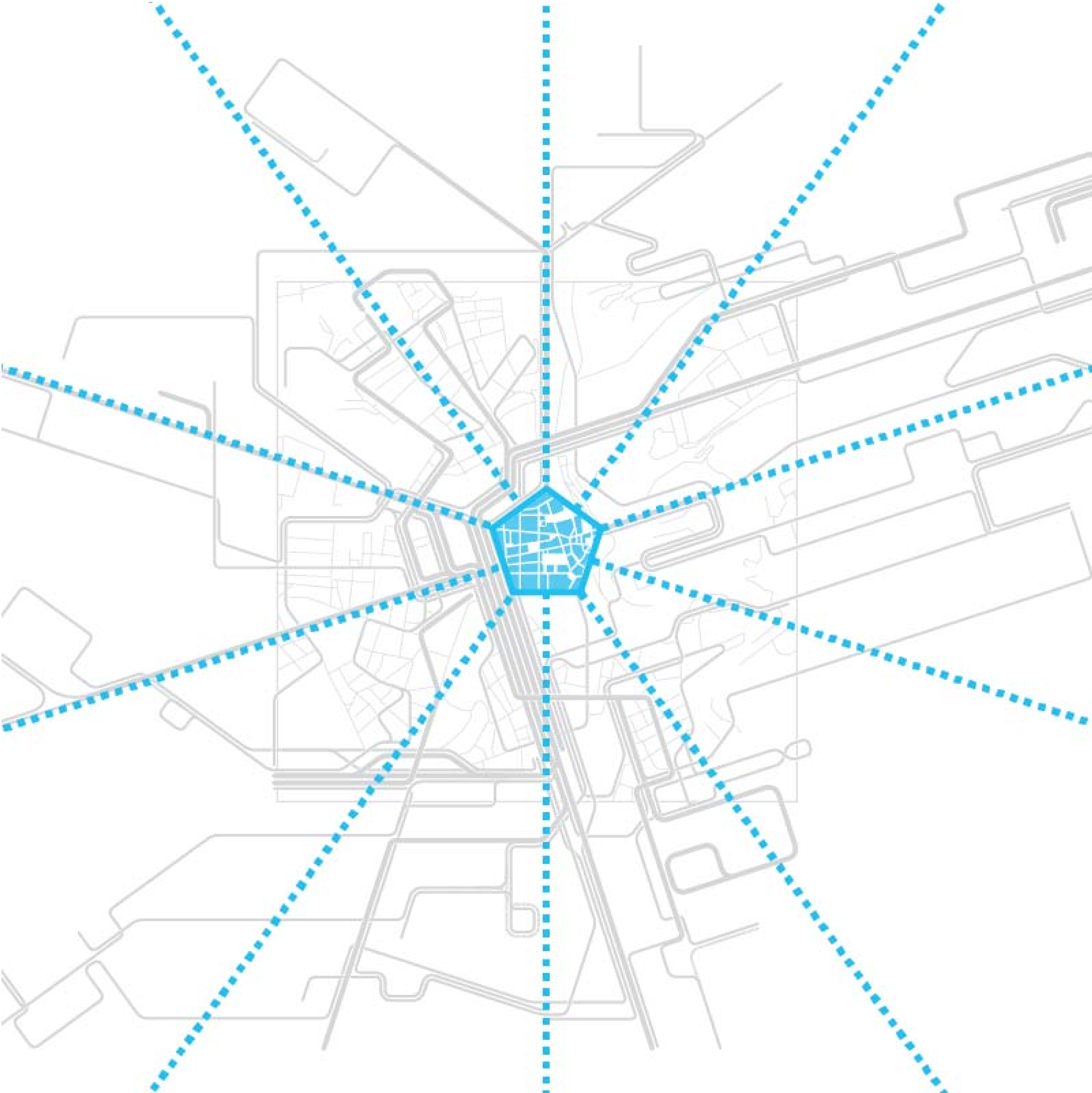
GEOGRAPHY



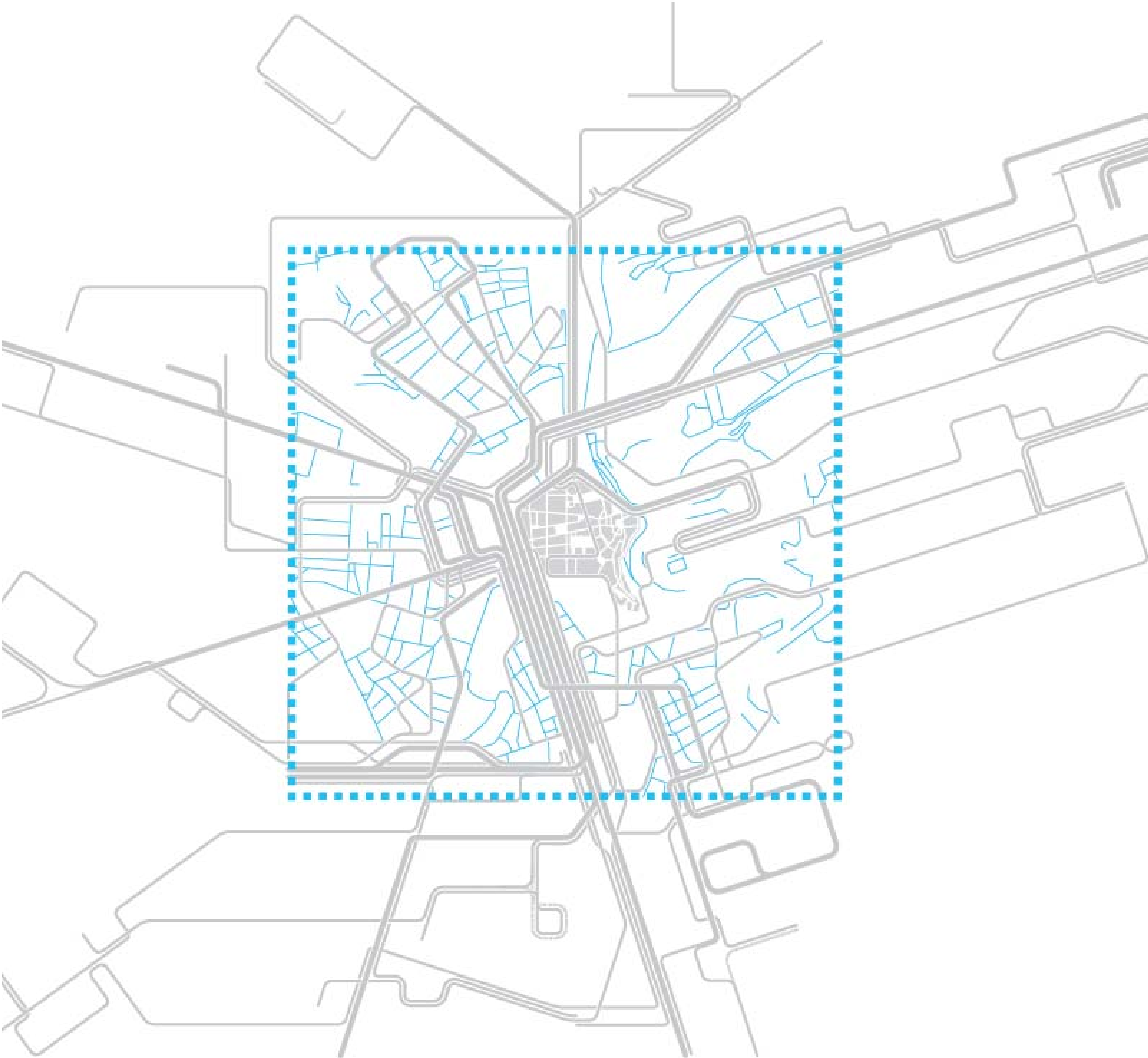
SYMBOLS



STRUCTURE



TOPOLOGY



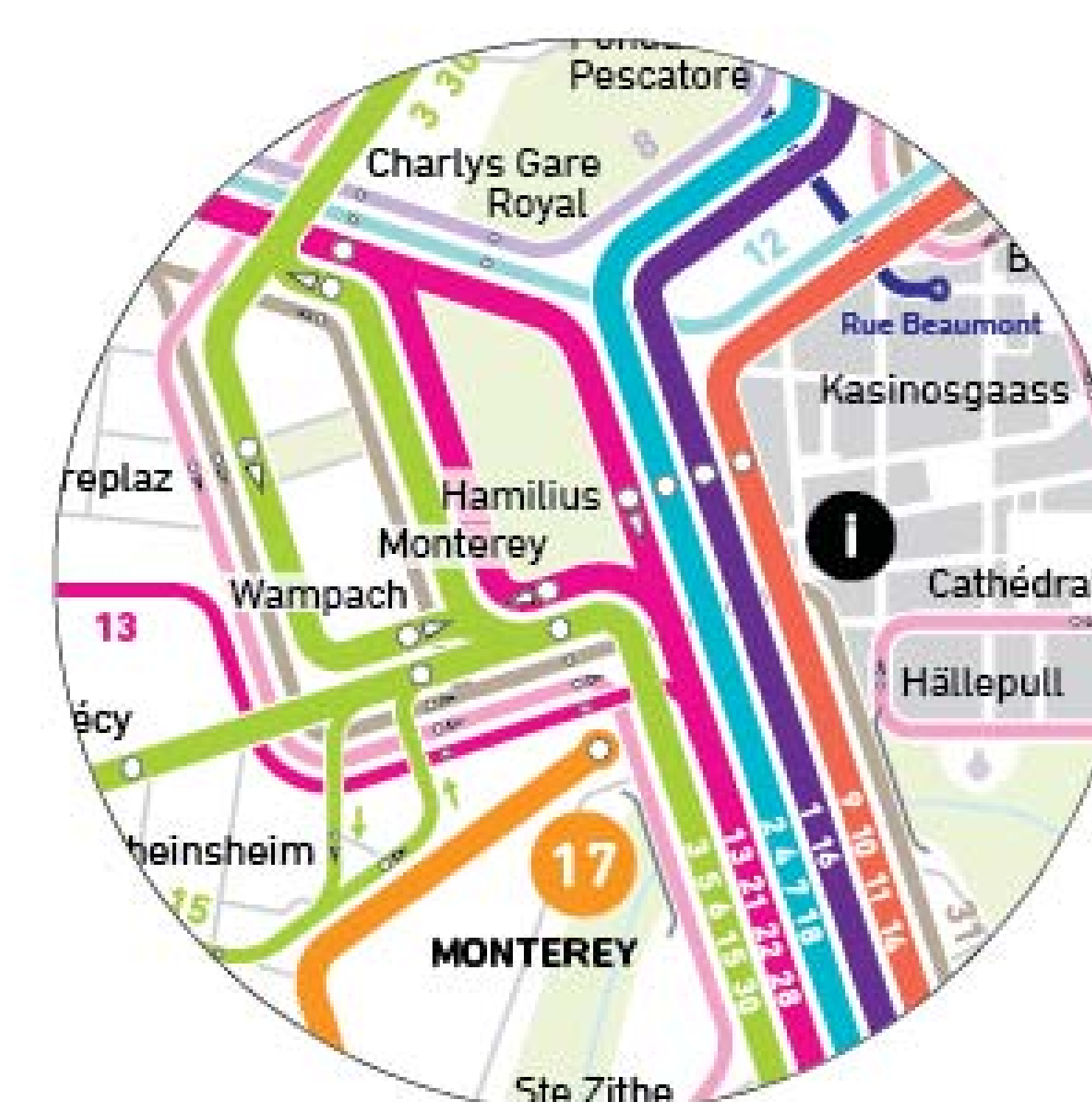
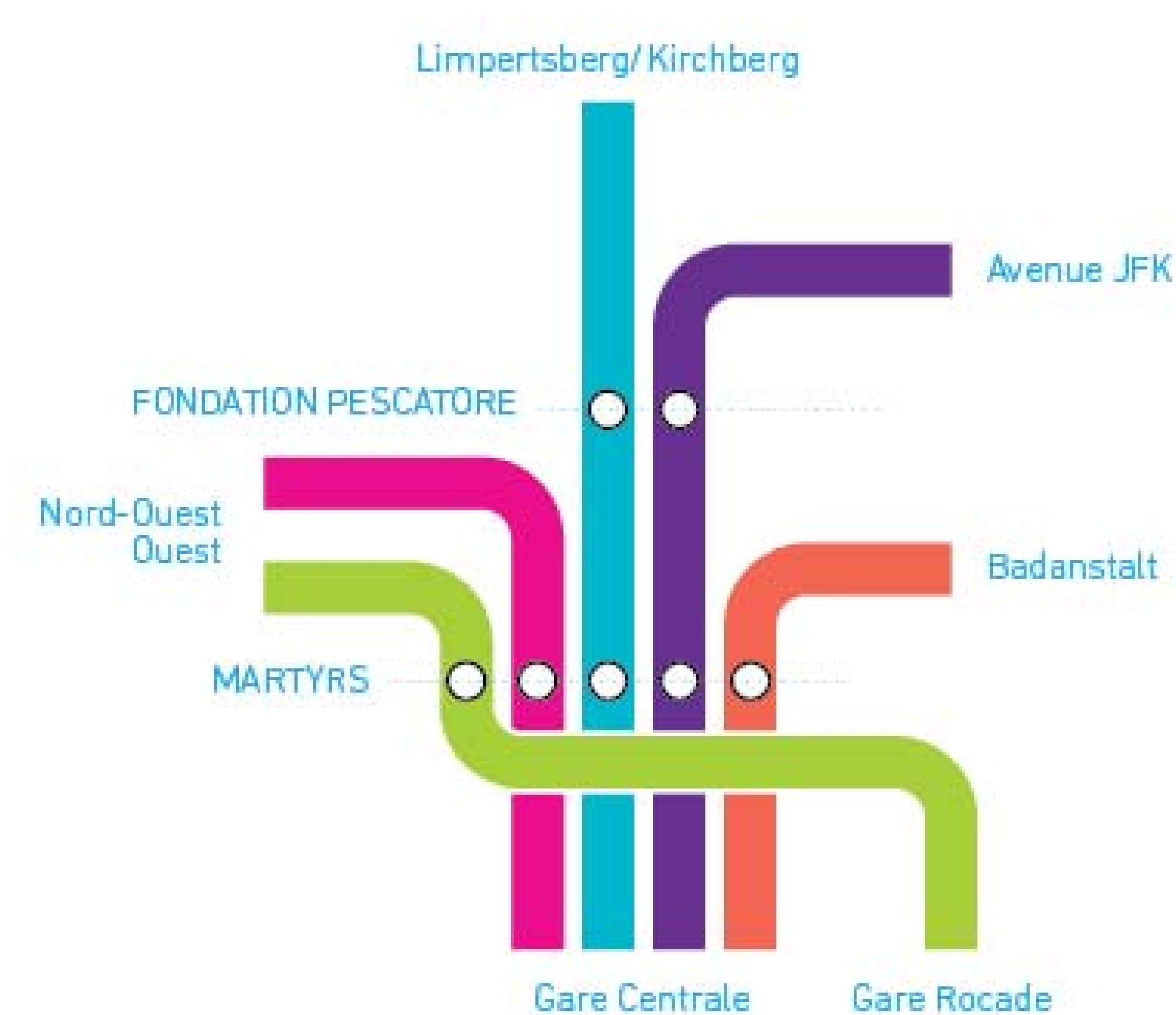
INFORMATION HIERARCHY

MONTEREY / HAMILIUS

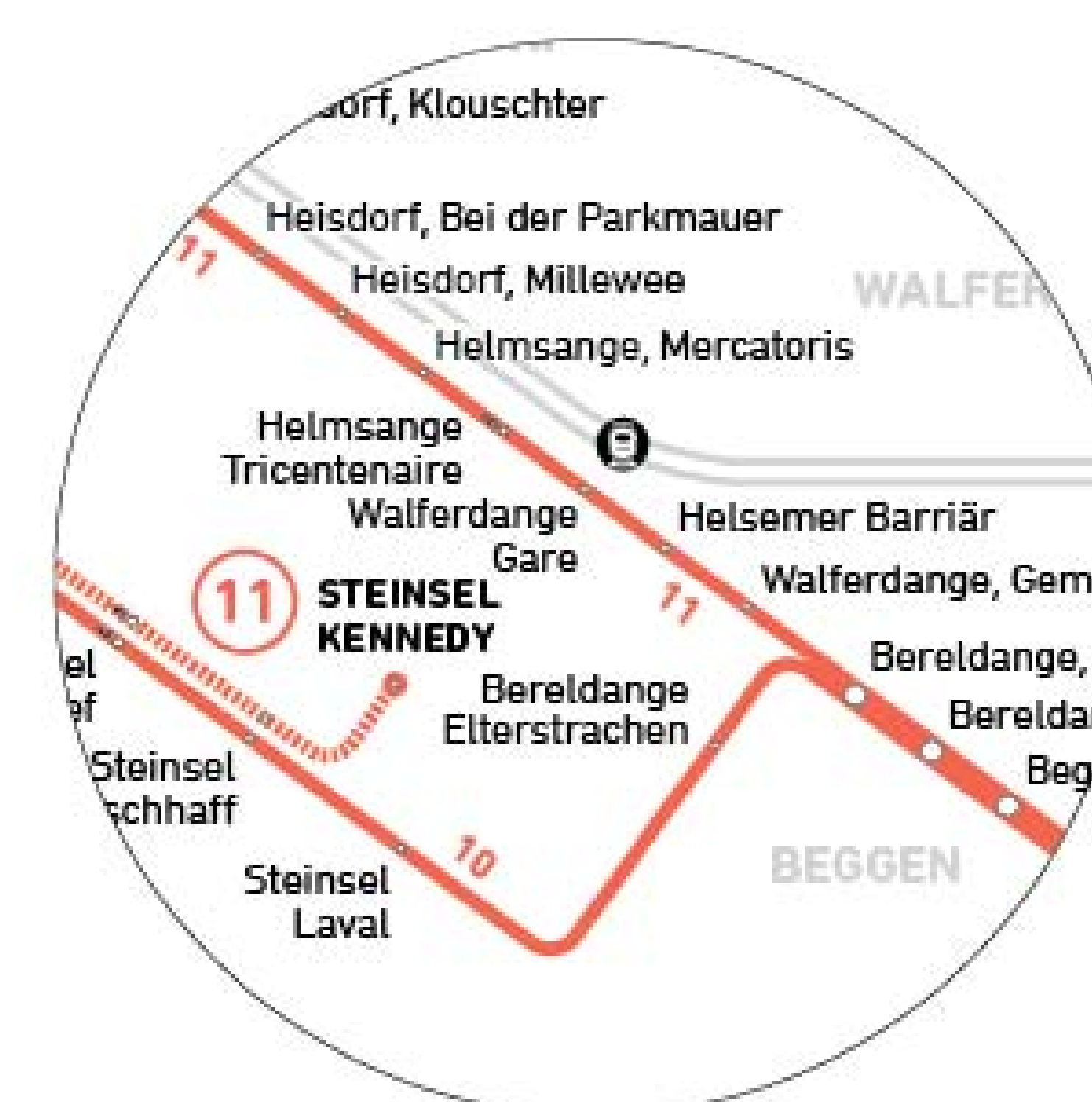
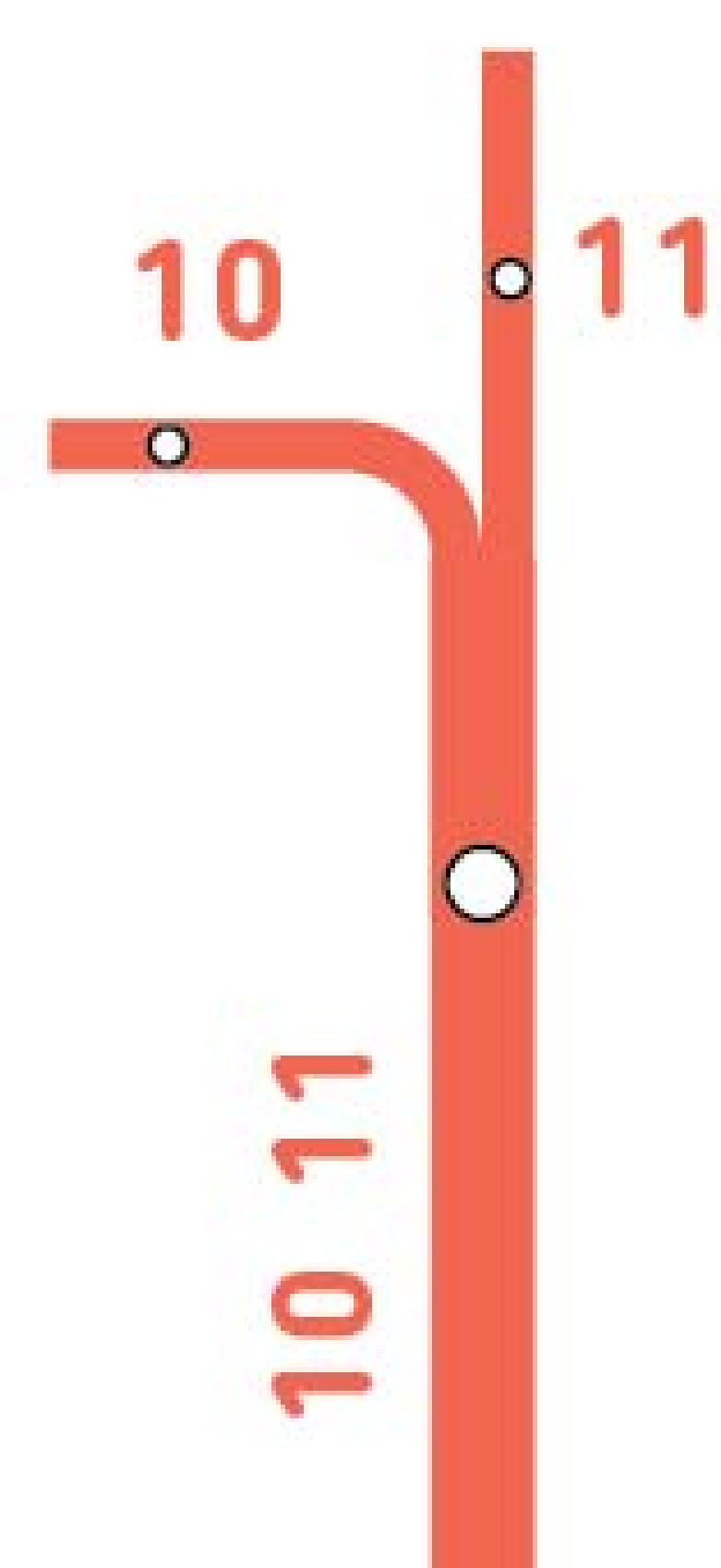
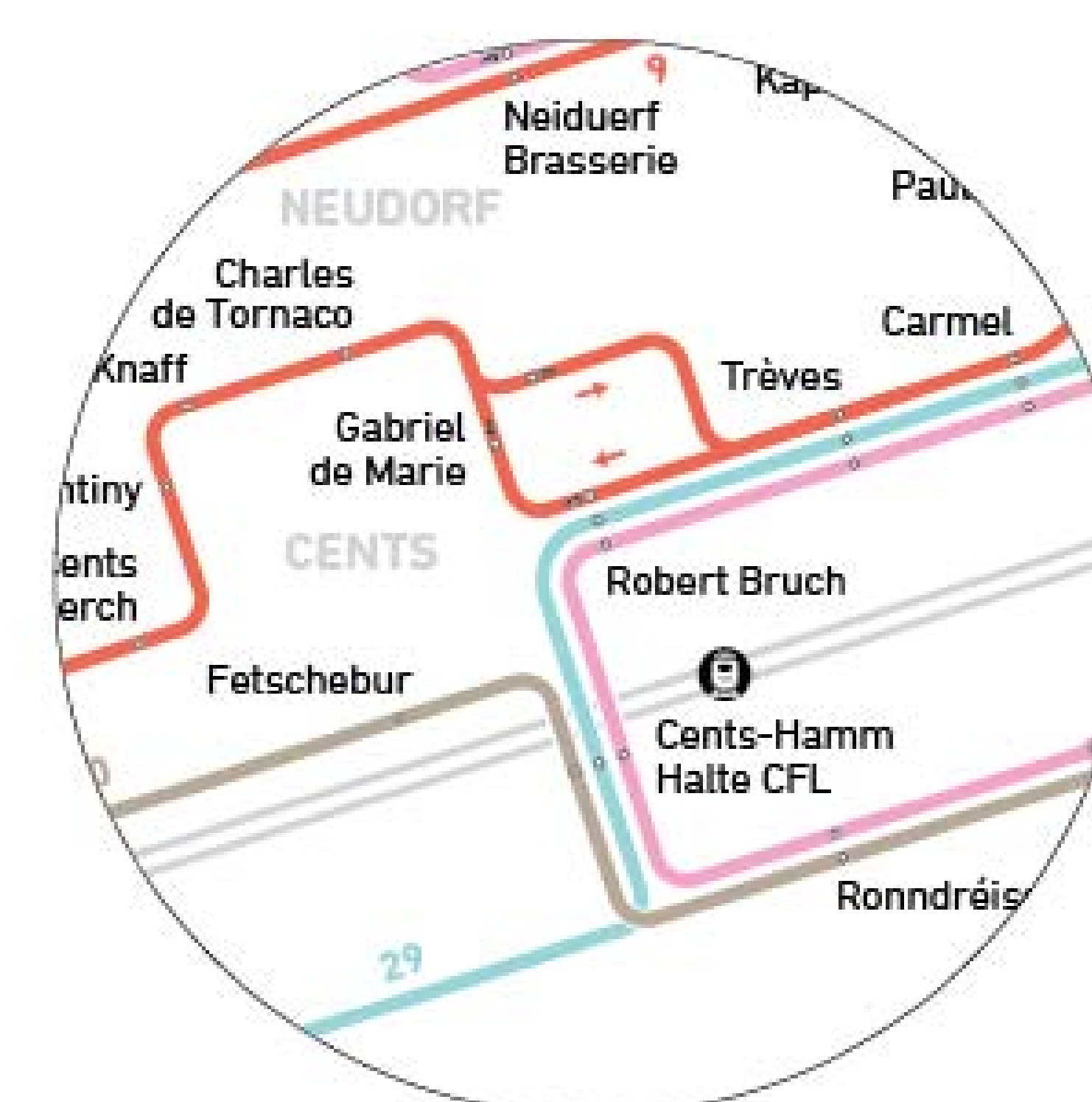


- █ Charte Lux n°4
CMJN 0-75-70-0
- █ Charte Lux n°6
CMJN 0-100-0-0
- █ Charte Lux n°9
CMJN 75-100-0-0
- █ Charte Lux n°12
CMJN 100-0-0-0
- █ Charte Lux n°15
CMJN 40-0-100-0

GARE CENTRALE / GARE ROCADE



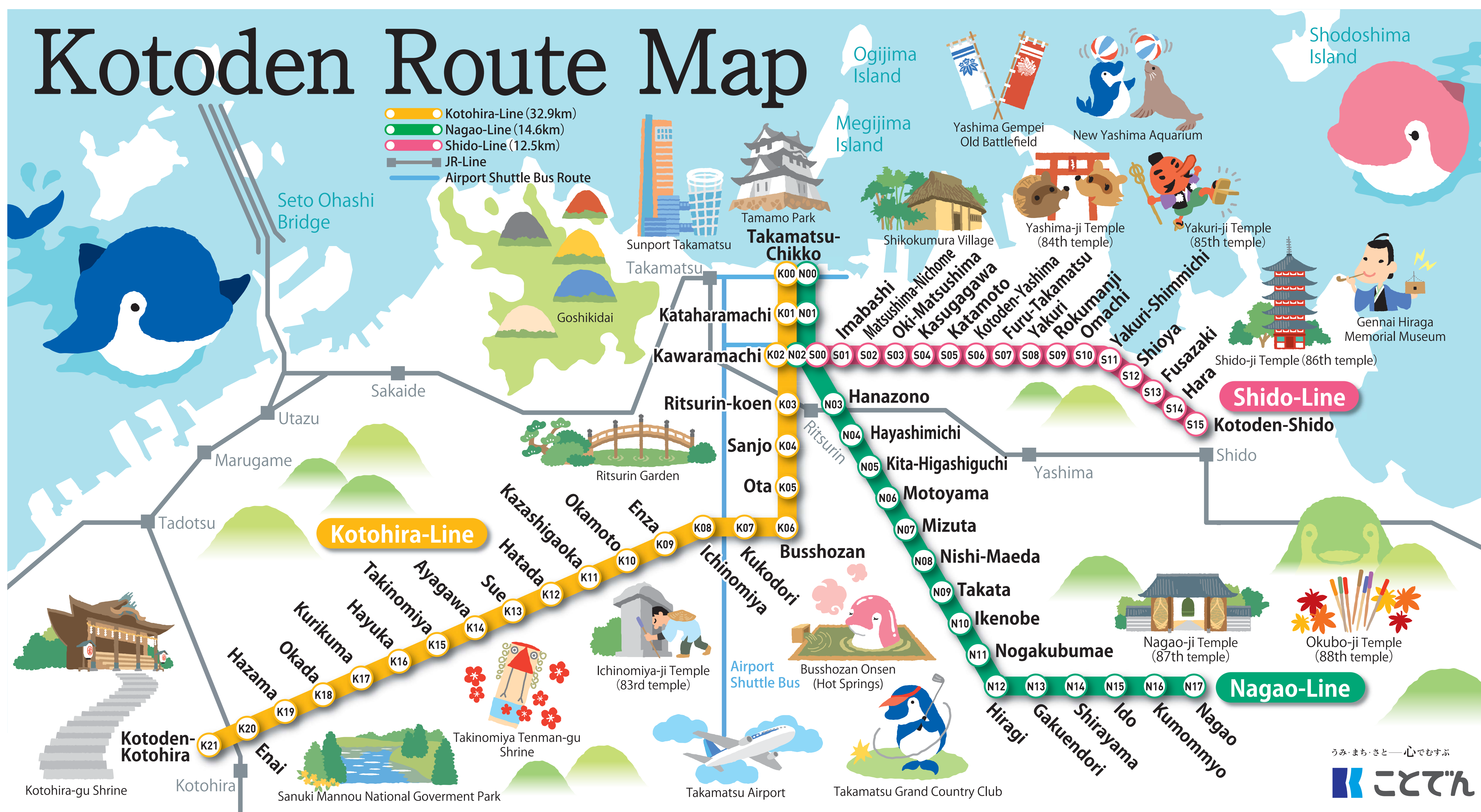
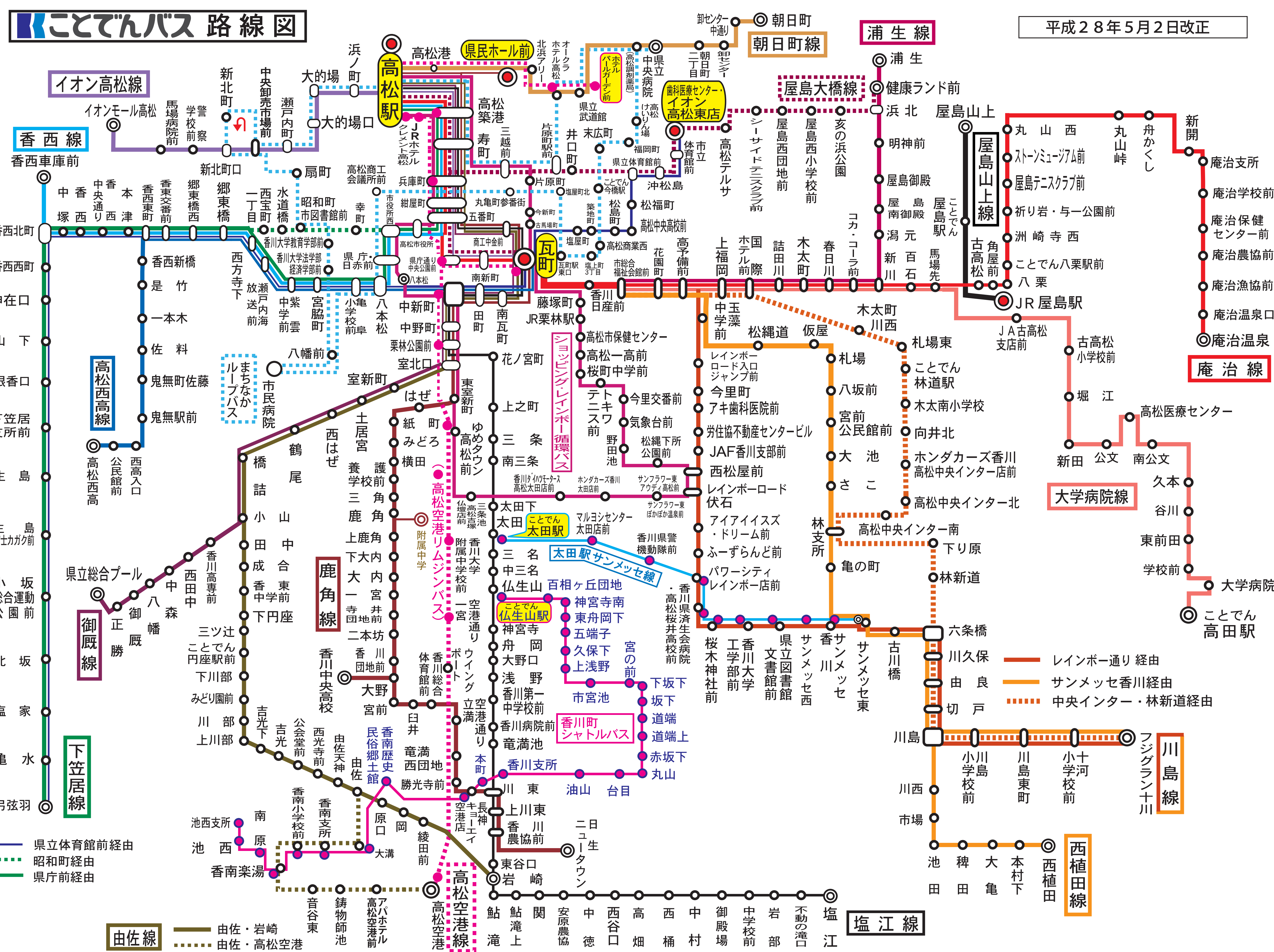
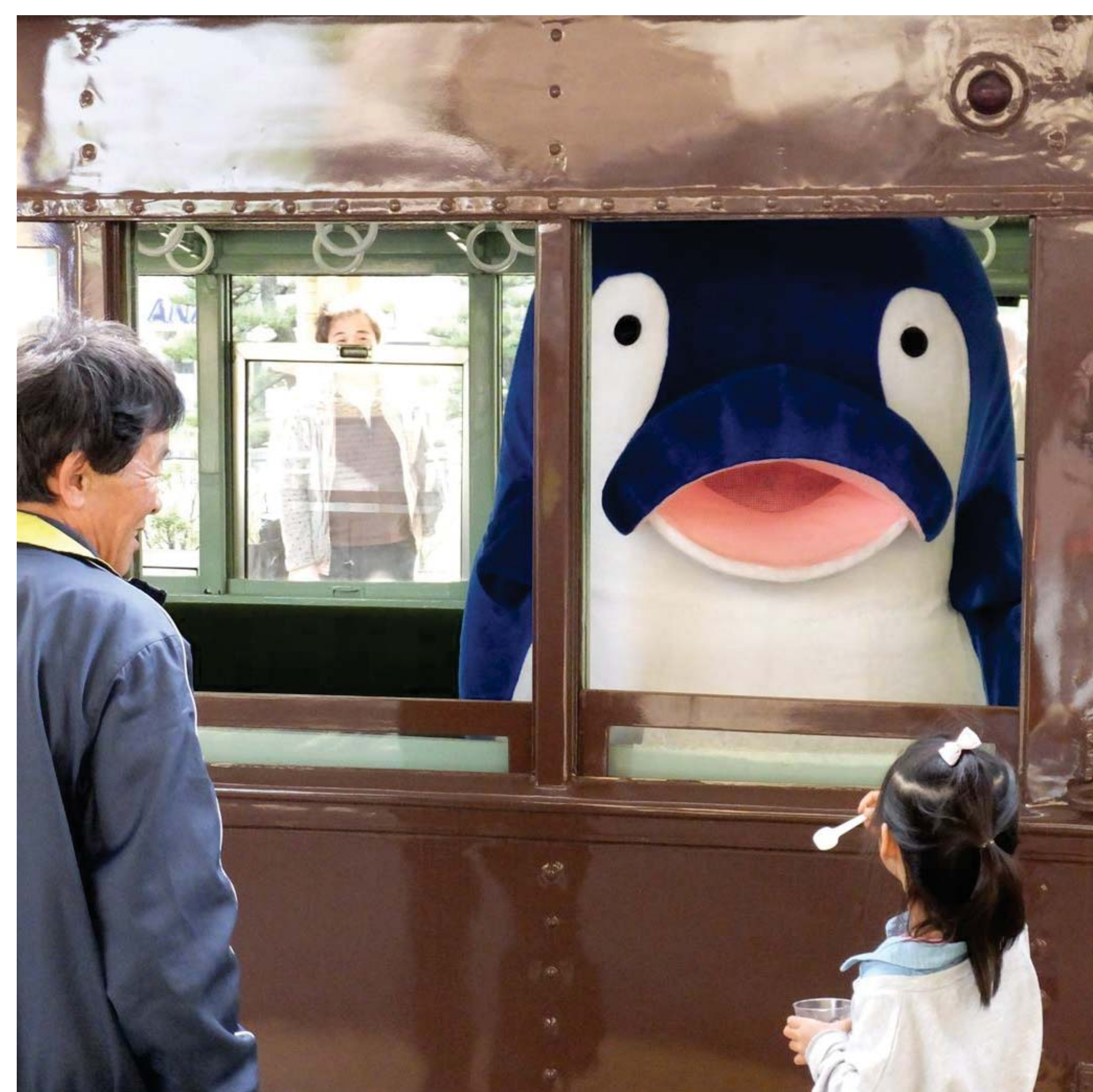
- █ Charte Lux n°7
CMJN 0-45-0-0
- █ Charte Lux n°11
CMJN 45-0-15-0
- █ Charte Lux n°17
CMJN 30-30-40-0
- █ Hors charte
CMJN 20-30-0-0



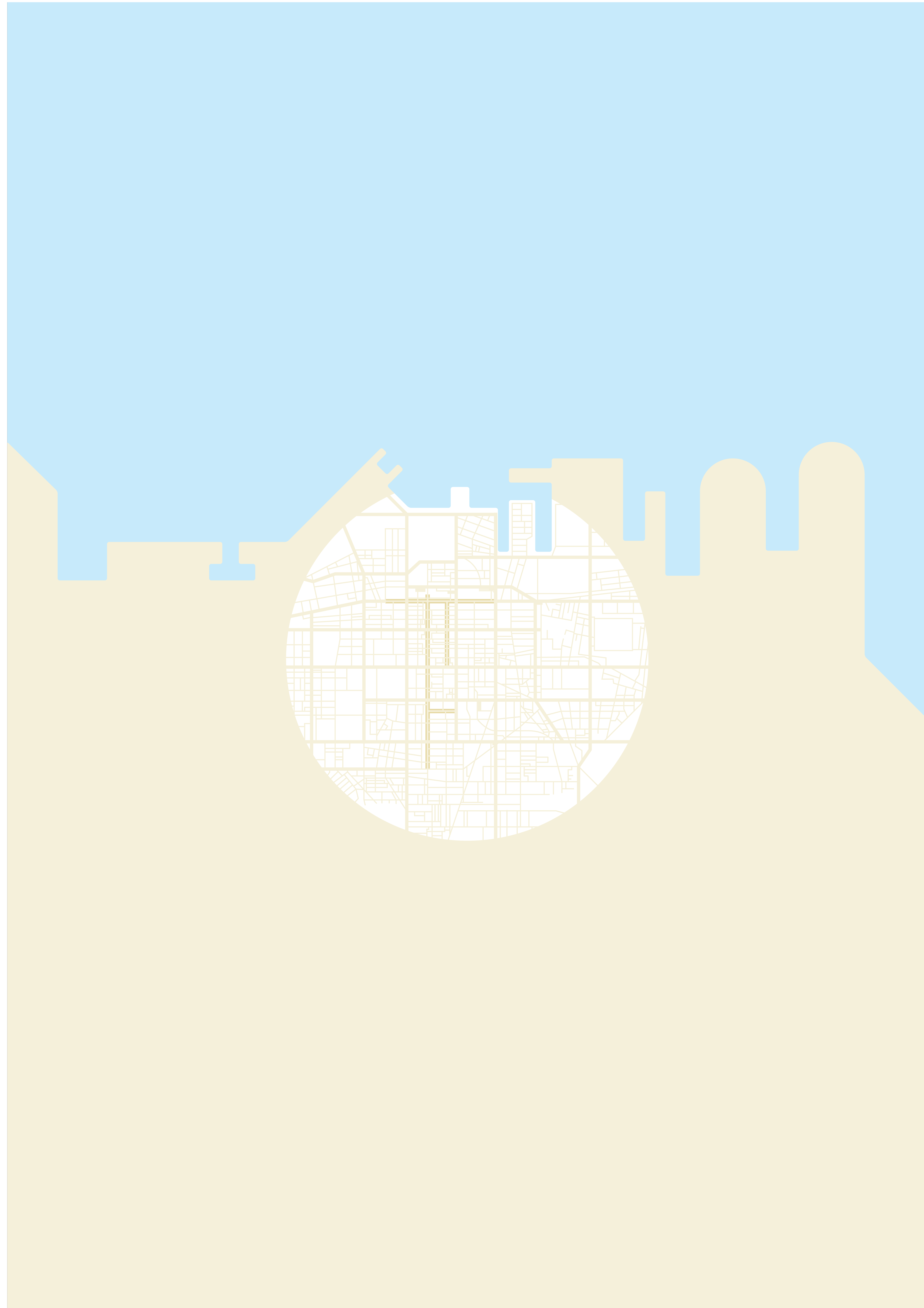
TAKAMATSU



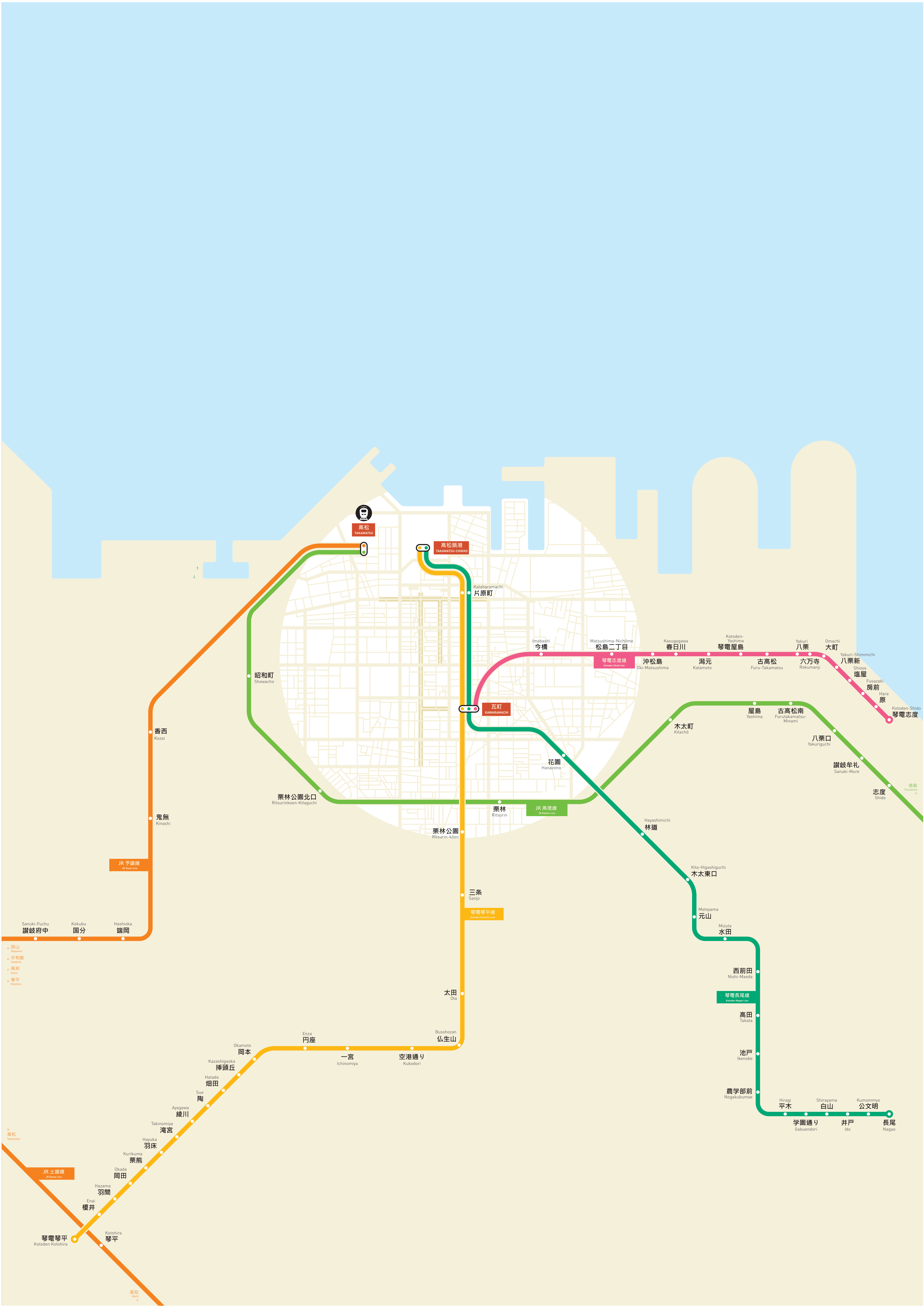
TAKAMATSU NETWORKS



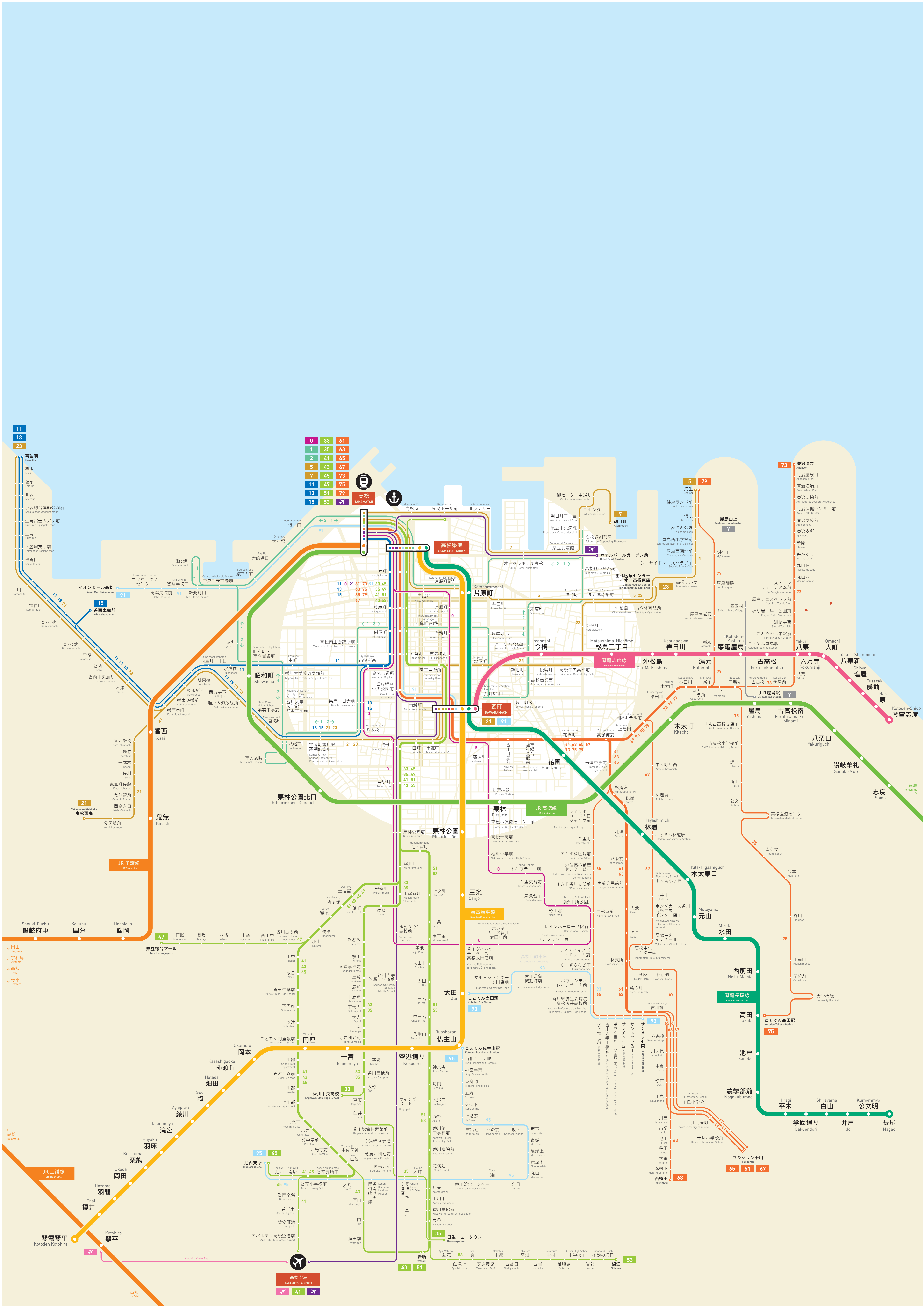
CITYSCAPE



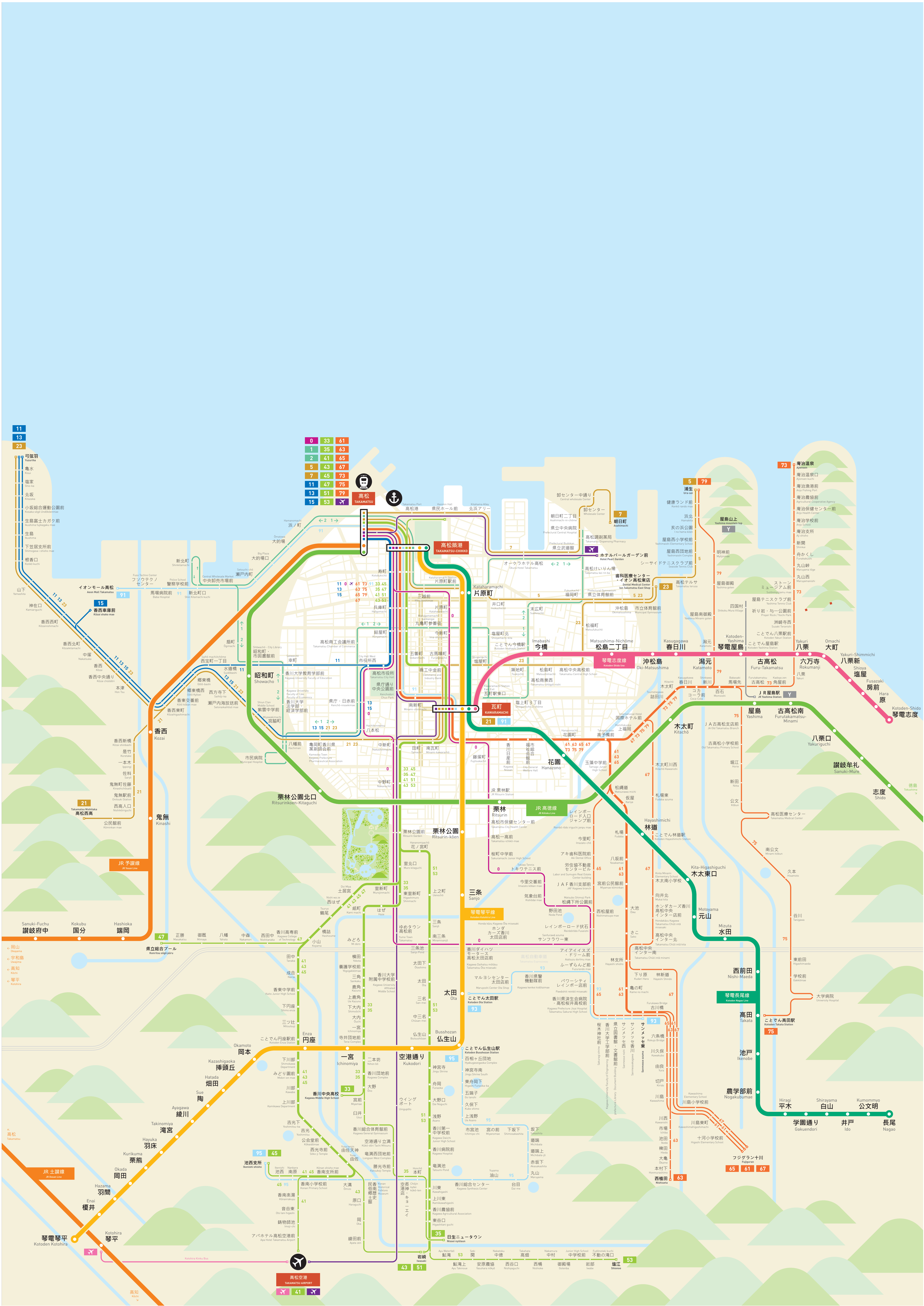
RAIL



BUS



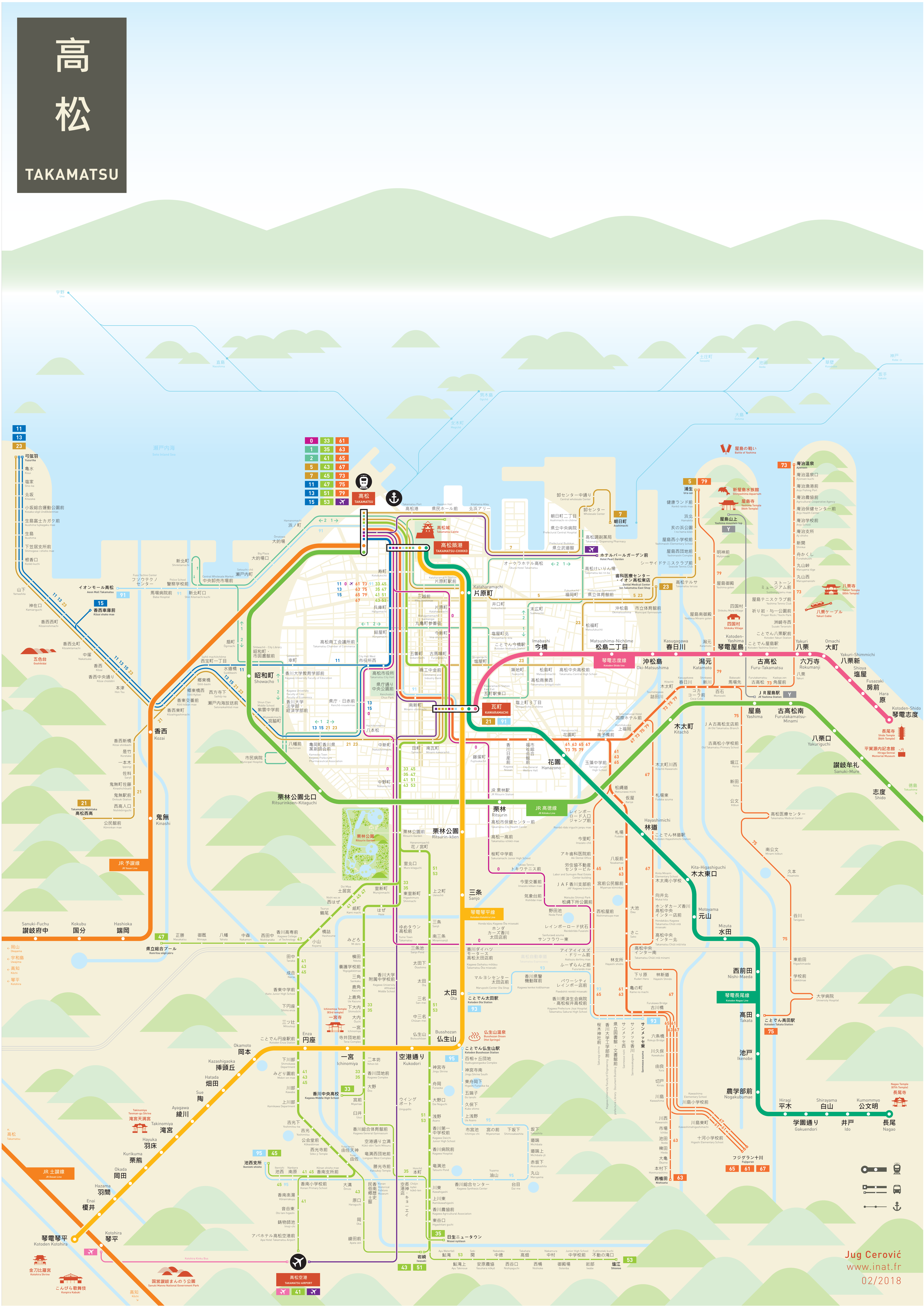
LANDSCAPE



LANDMARKS



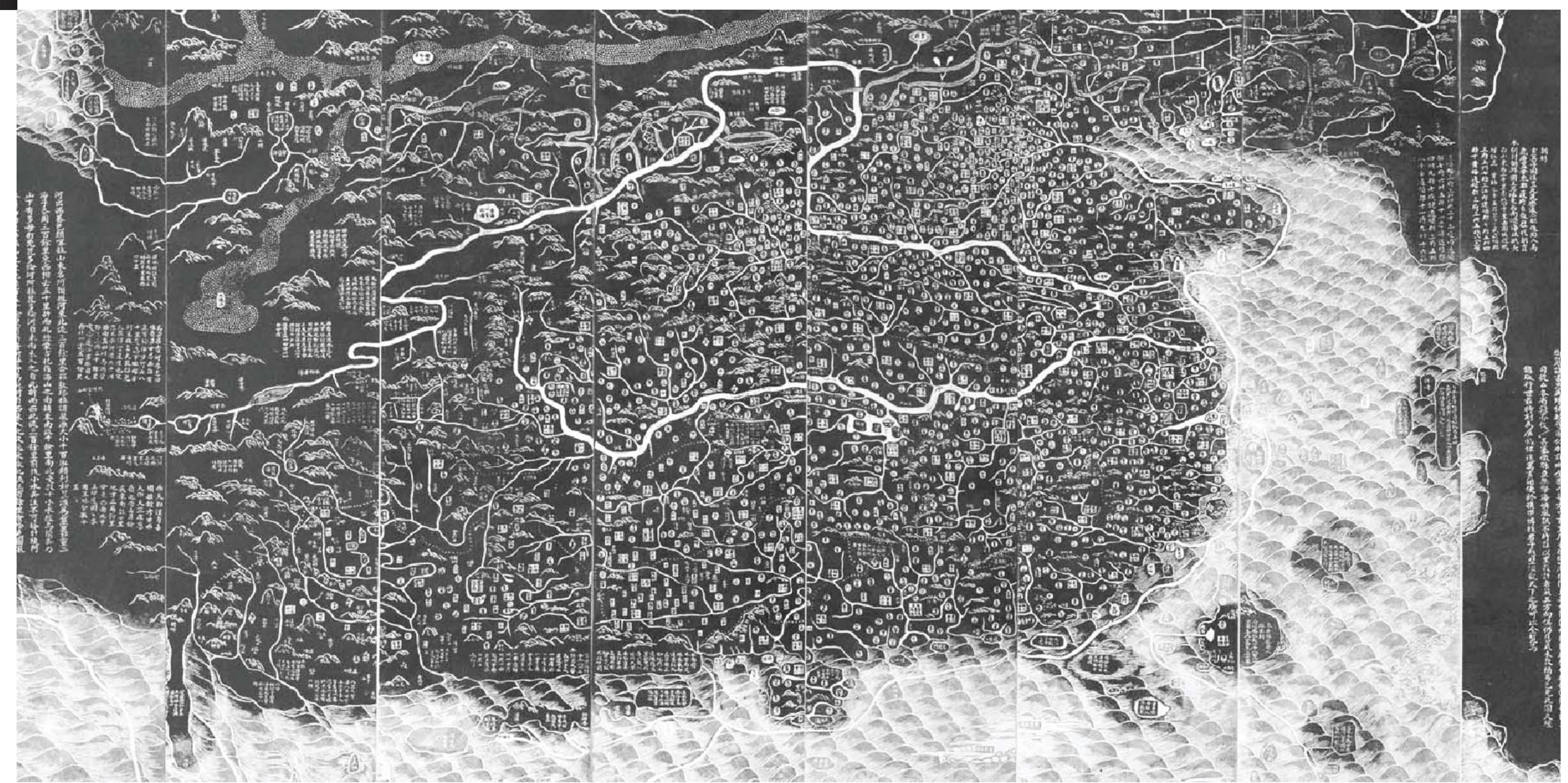
TAKAMATSU MAP



03 CONTINENTAL



NIGHT TRAINS

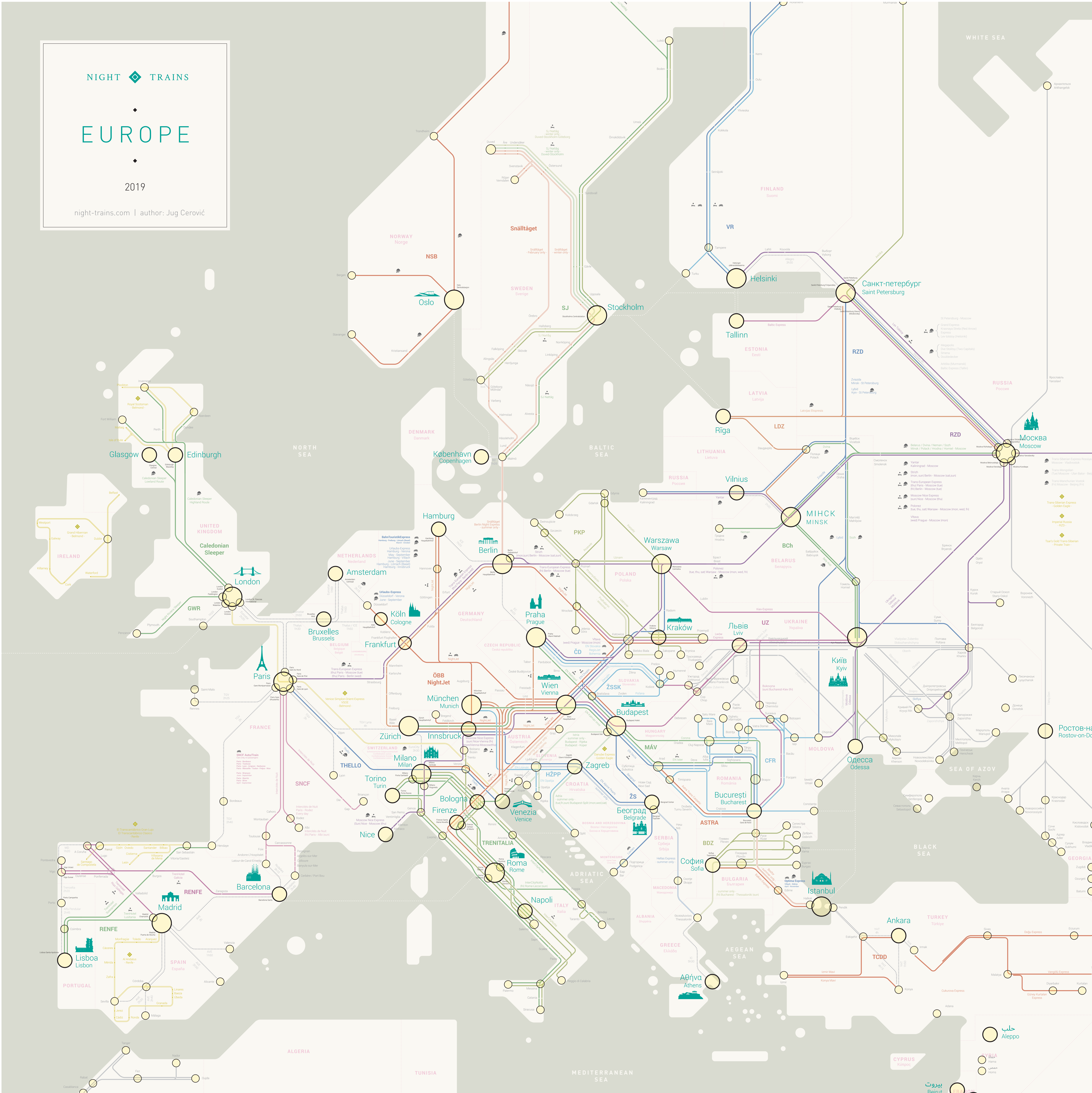


DRAW ME CHINA

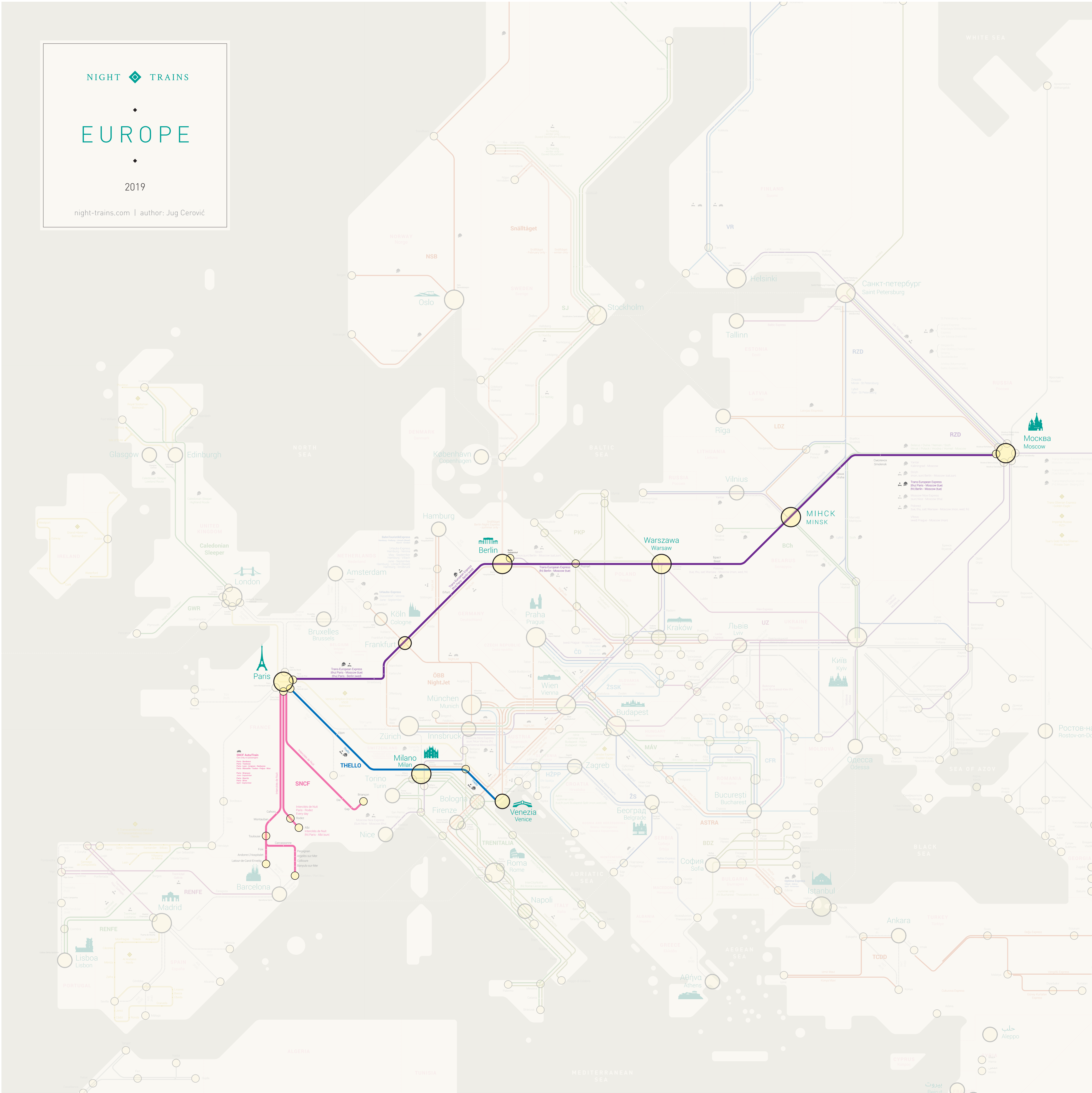
NIGHT TRAINS



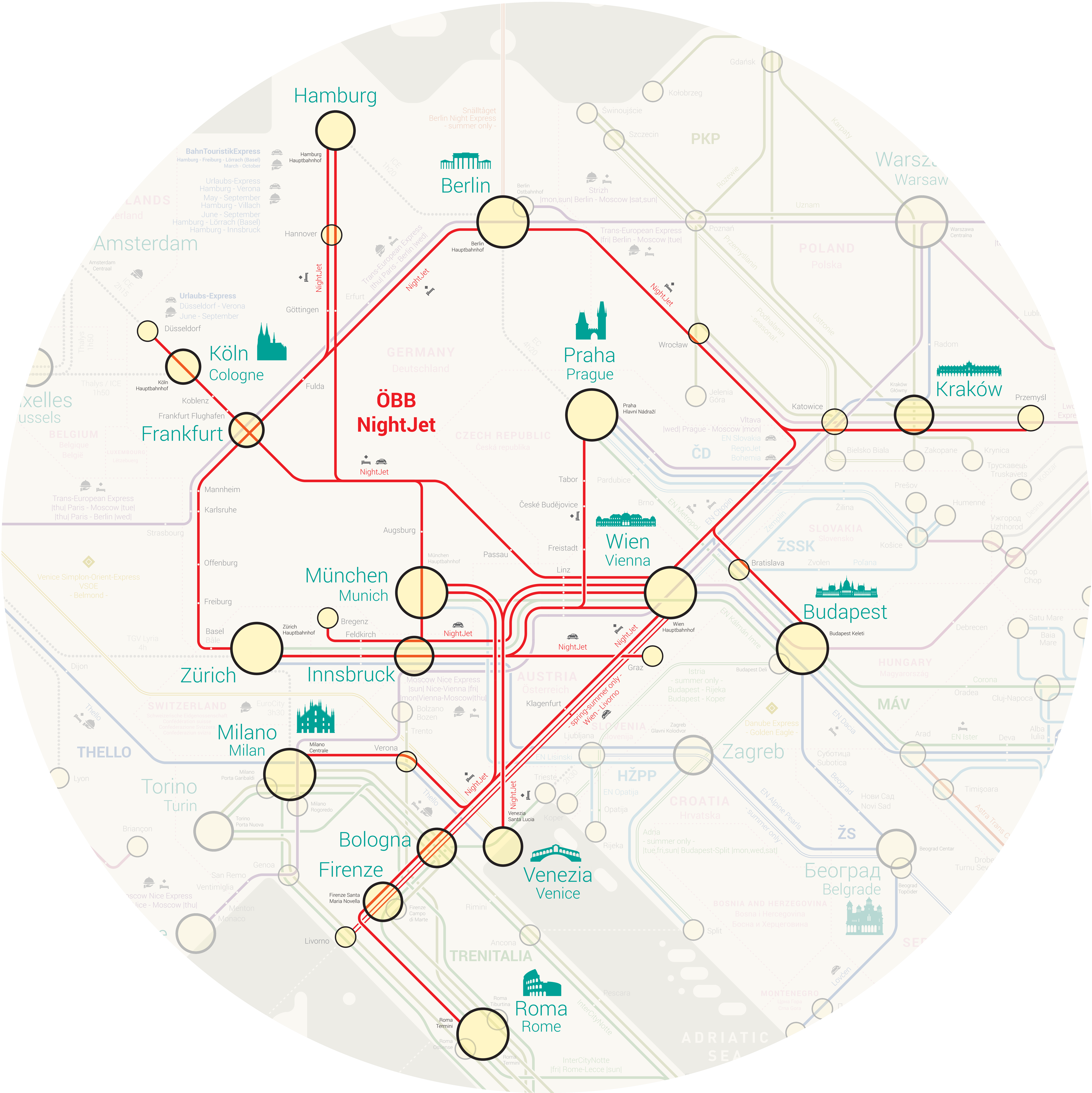
NIGHT TRAINS IN EUROPE



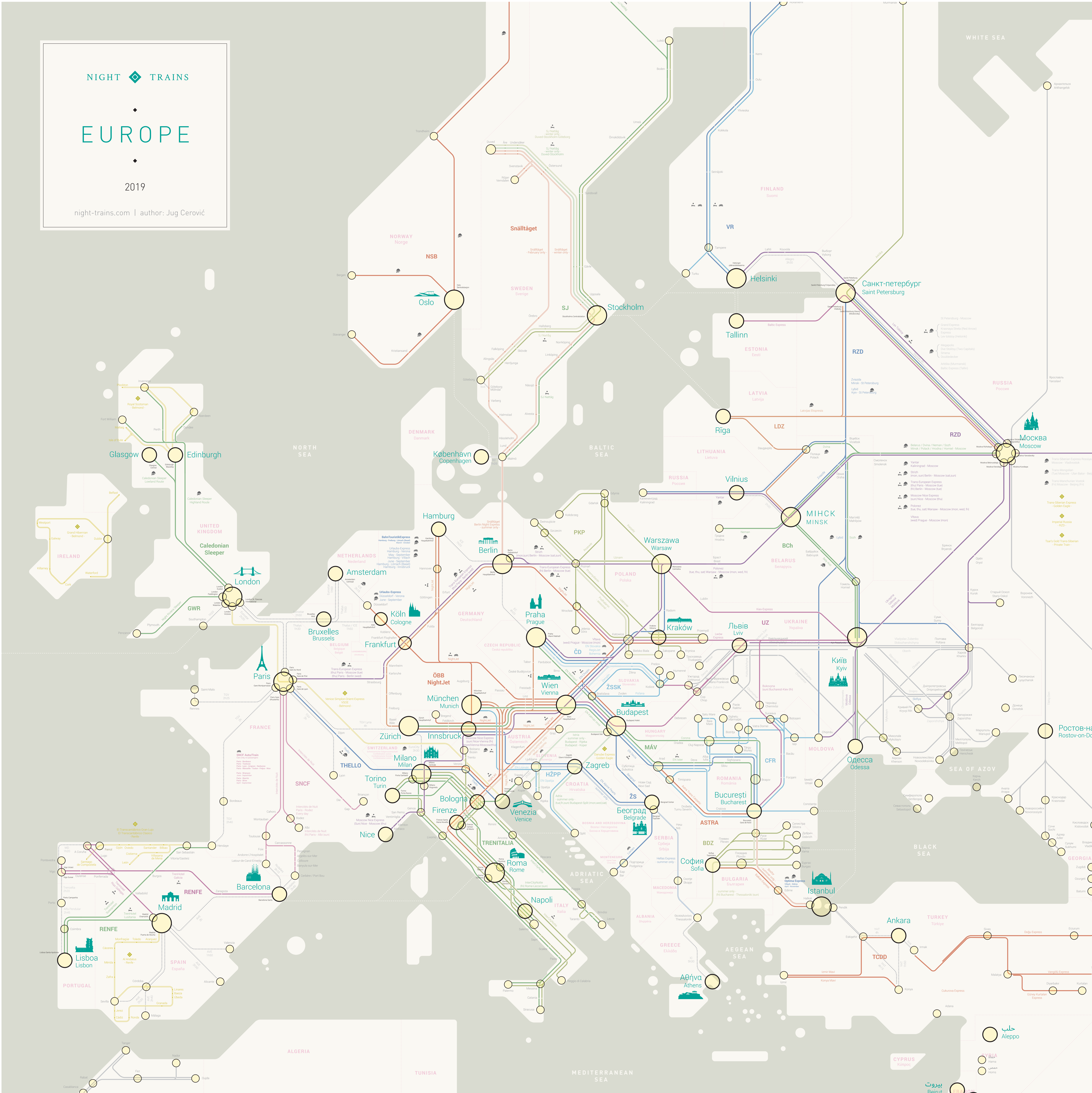
NIGHT TRAINS IN PARIS



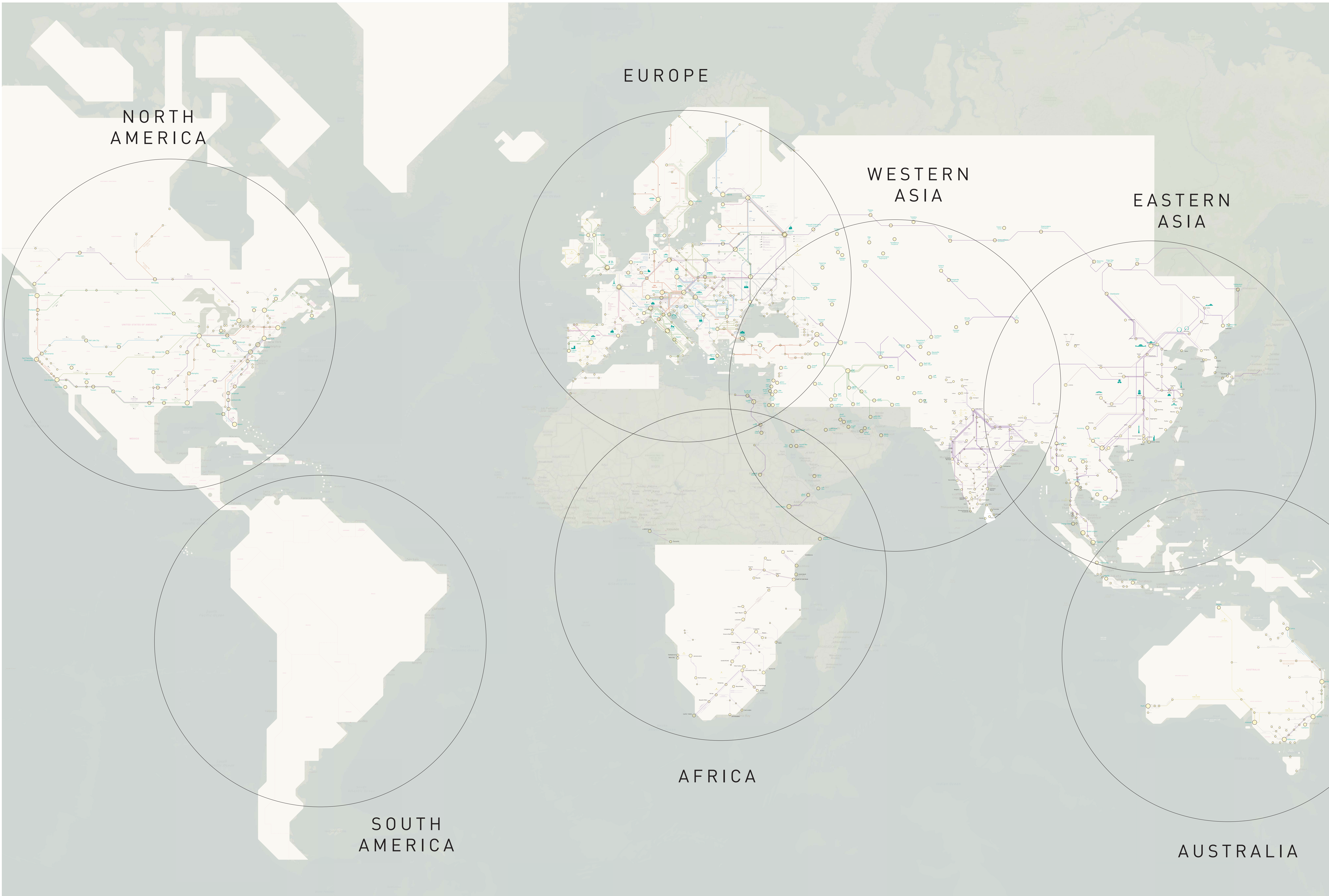
ÖBB NIGHTJET NETWORK



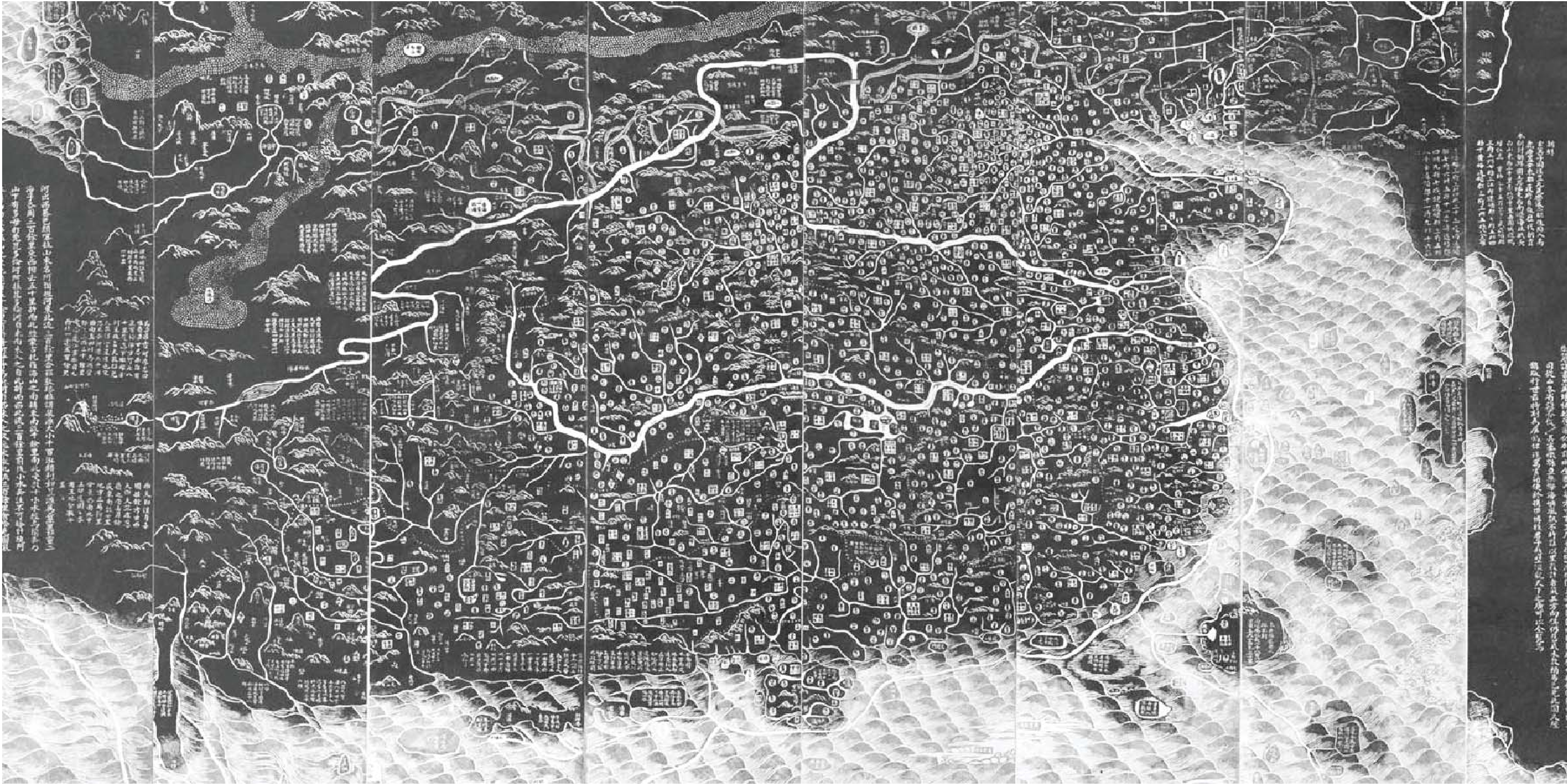
NIGHT TRAINS IN EUROPE



AROUND THE WORLD



DRAW ME CHINA



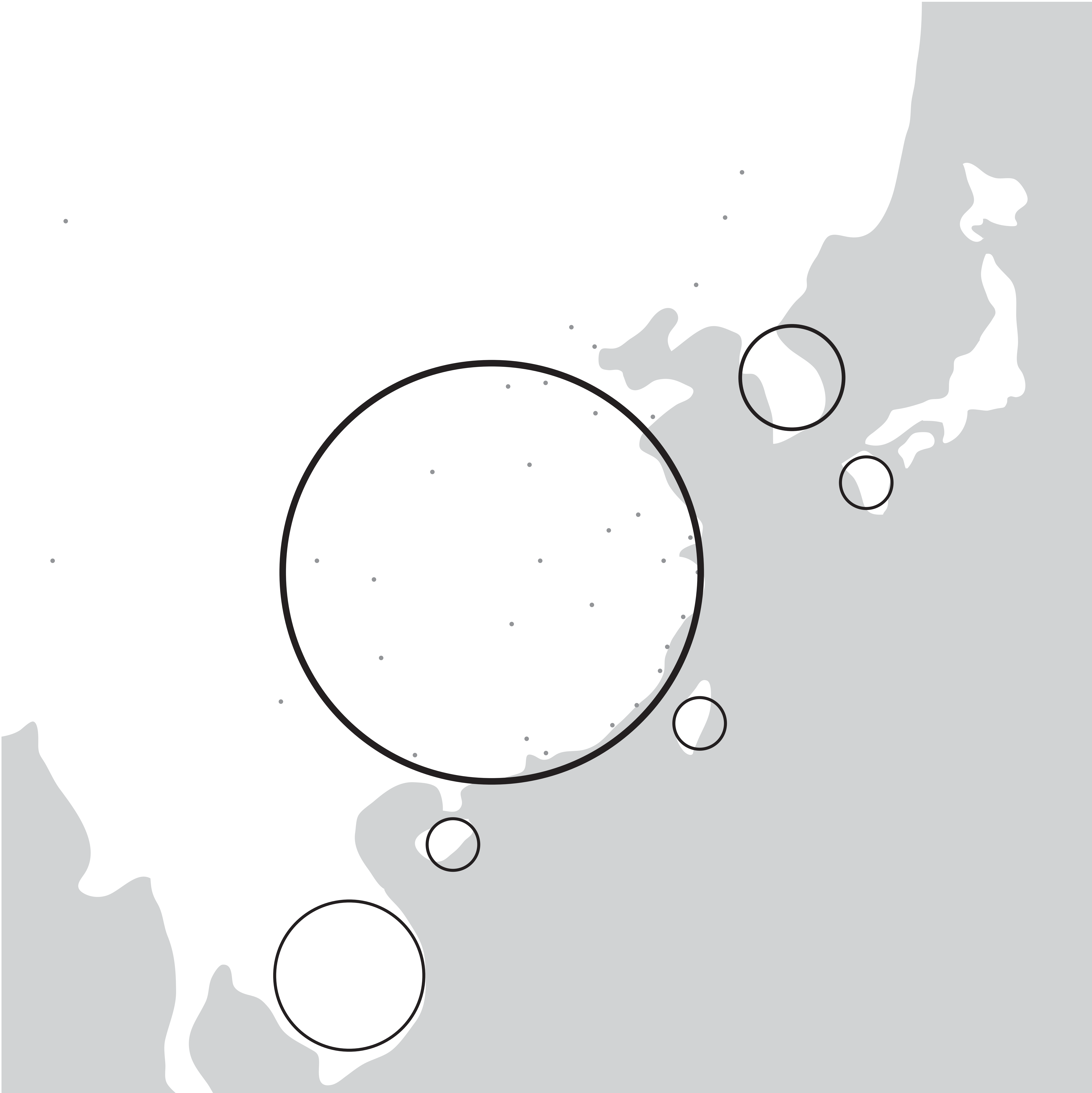
METROPOLISES



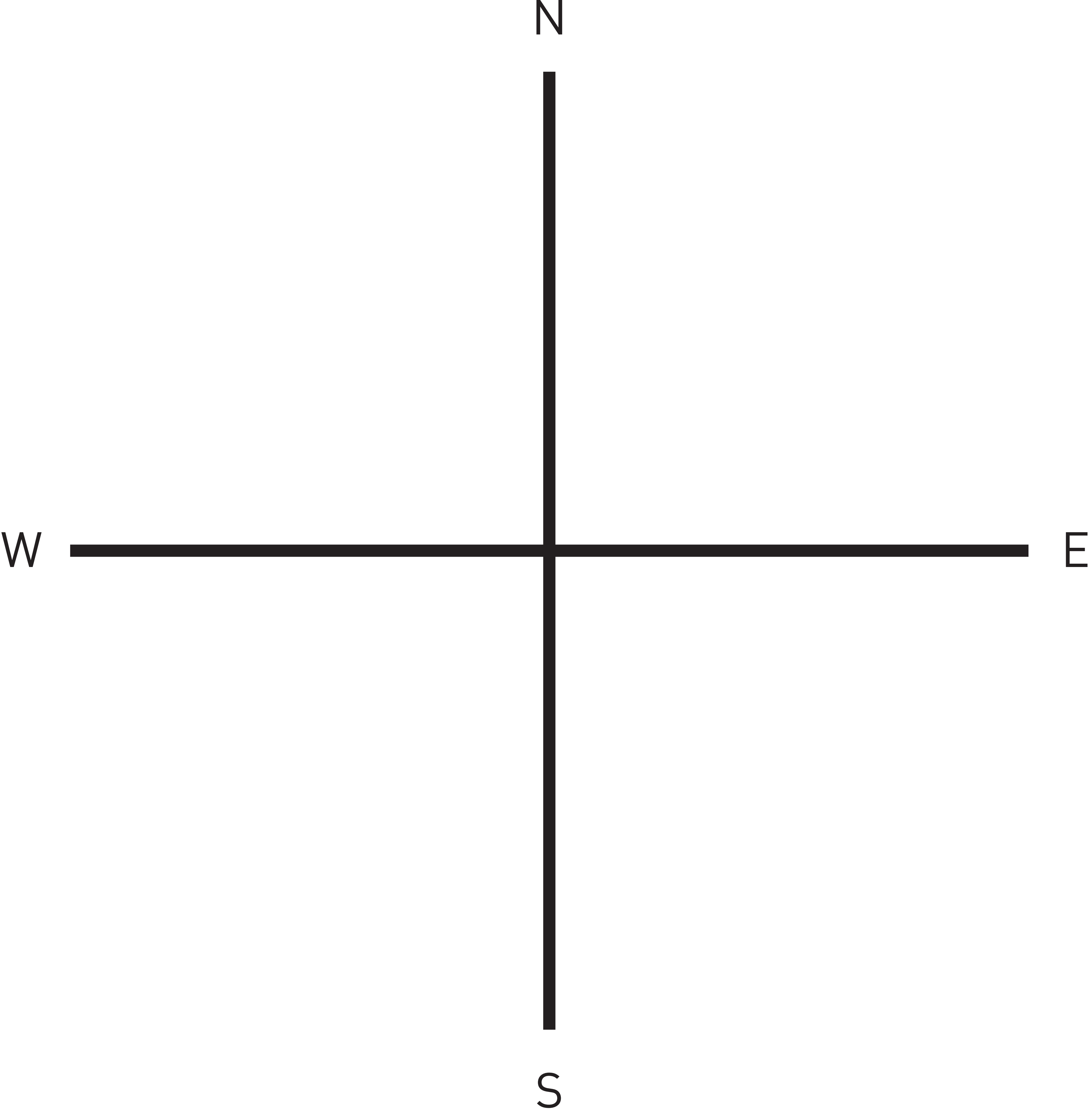
POSITION



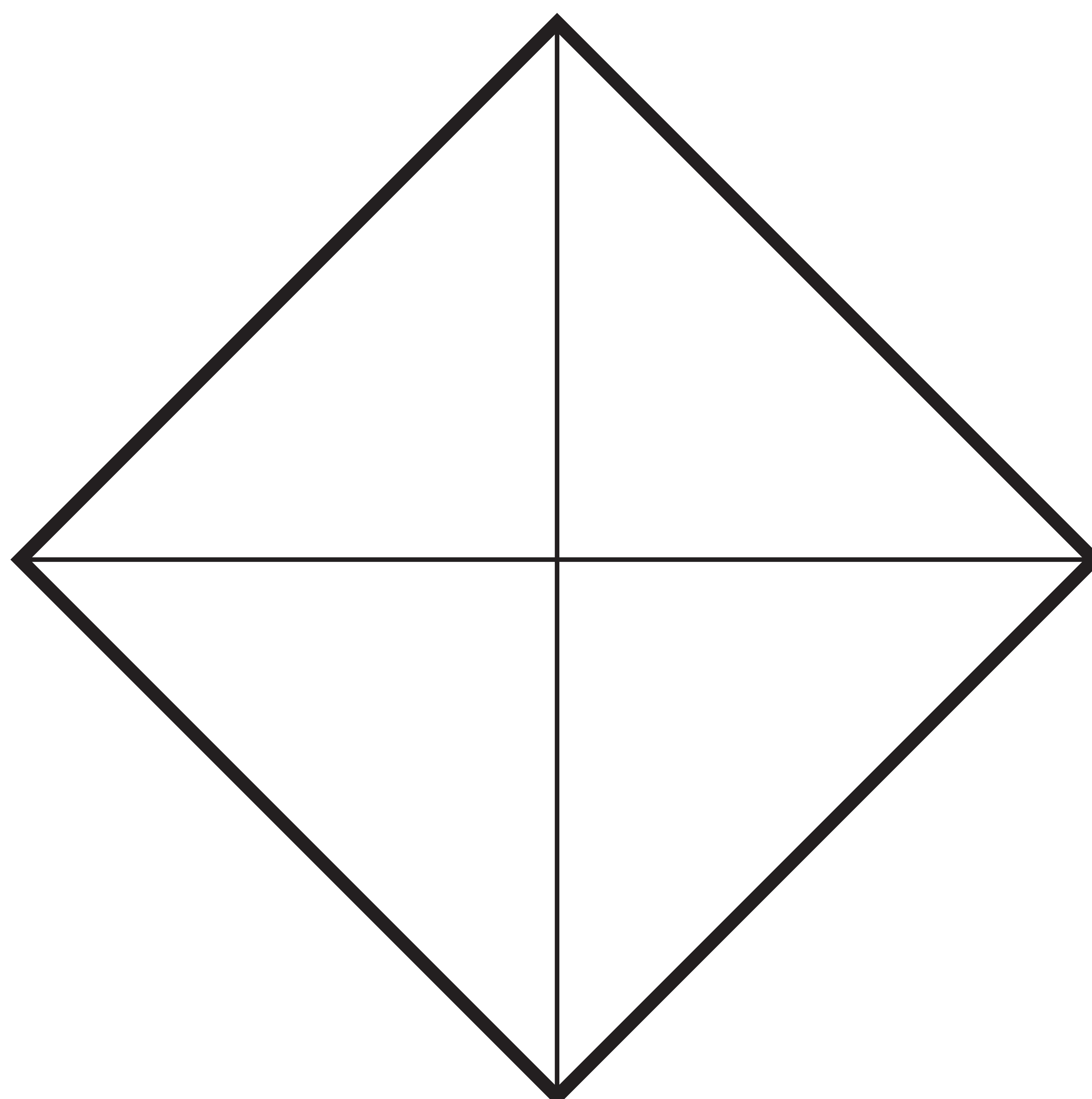
LANDSCAPE



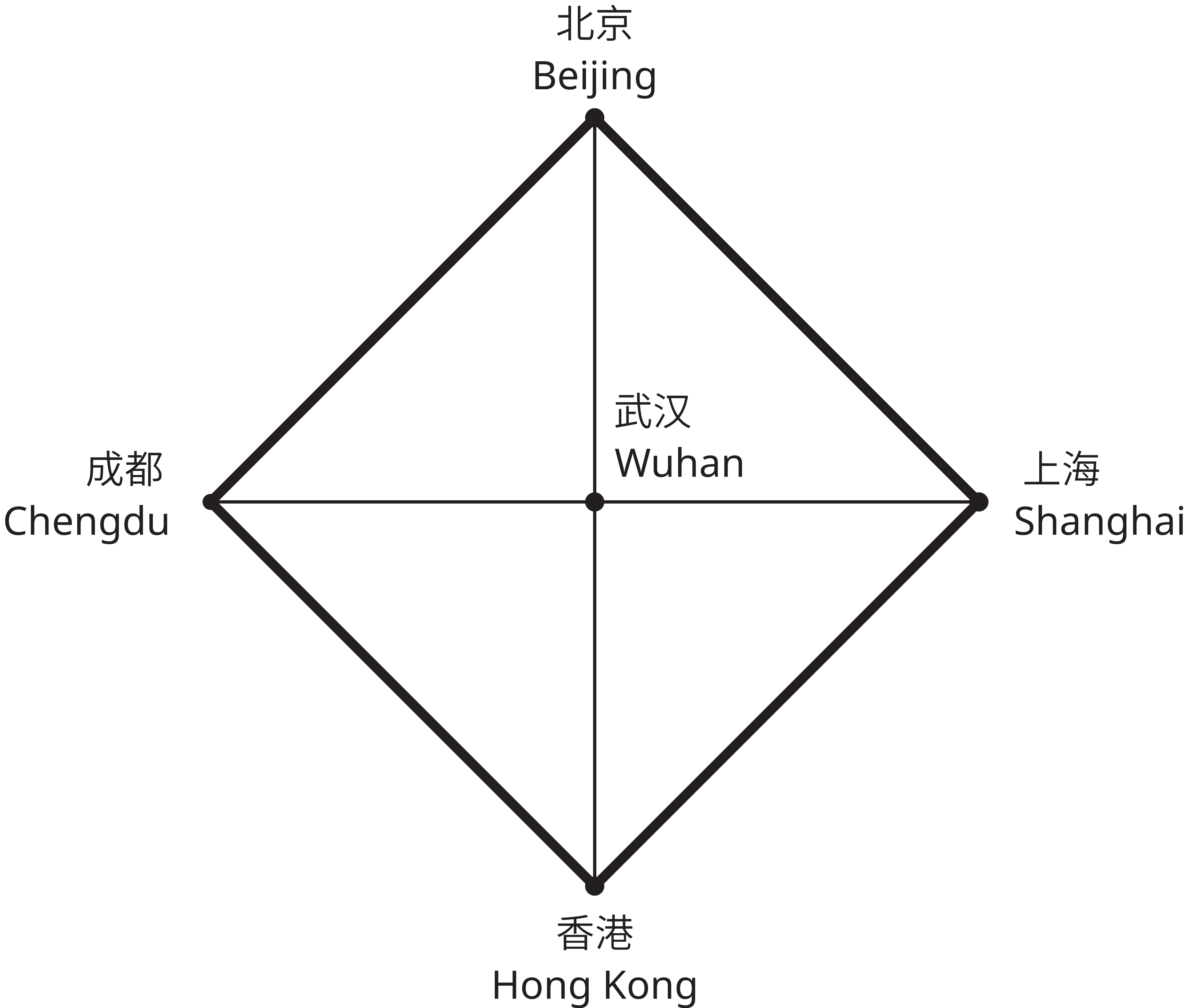
COORDINATES



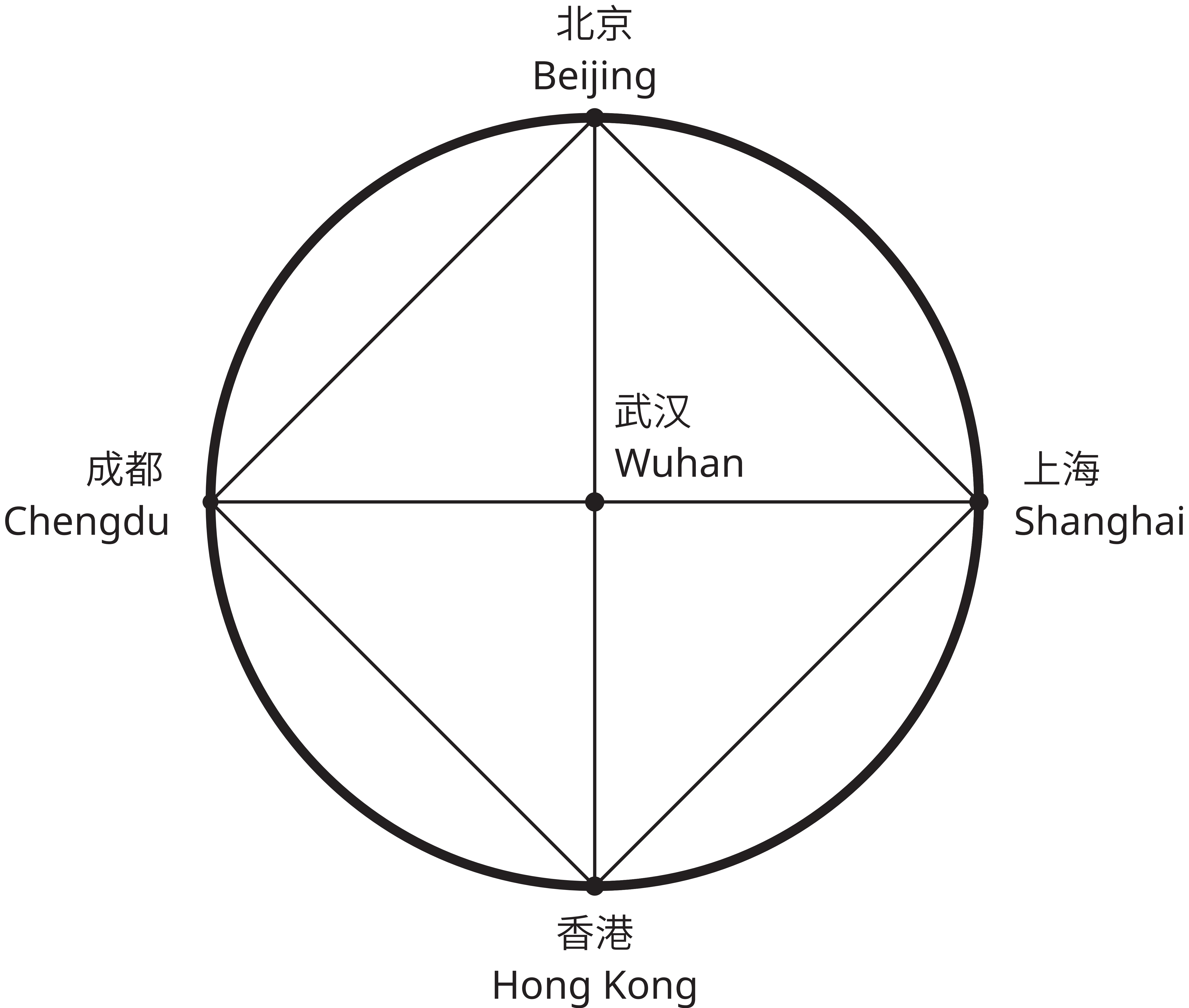
THE SQUARE



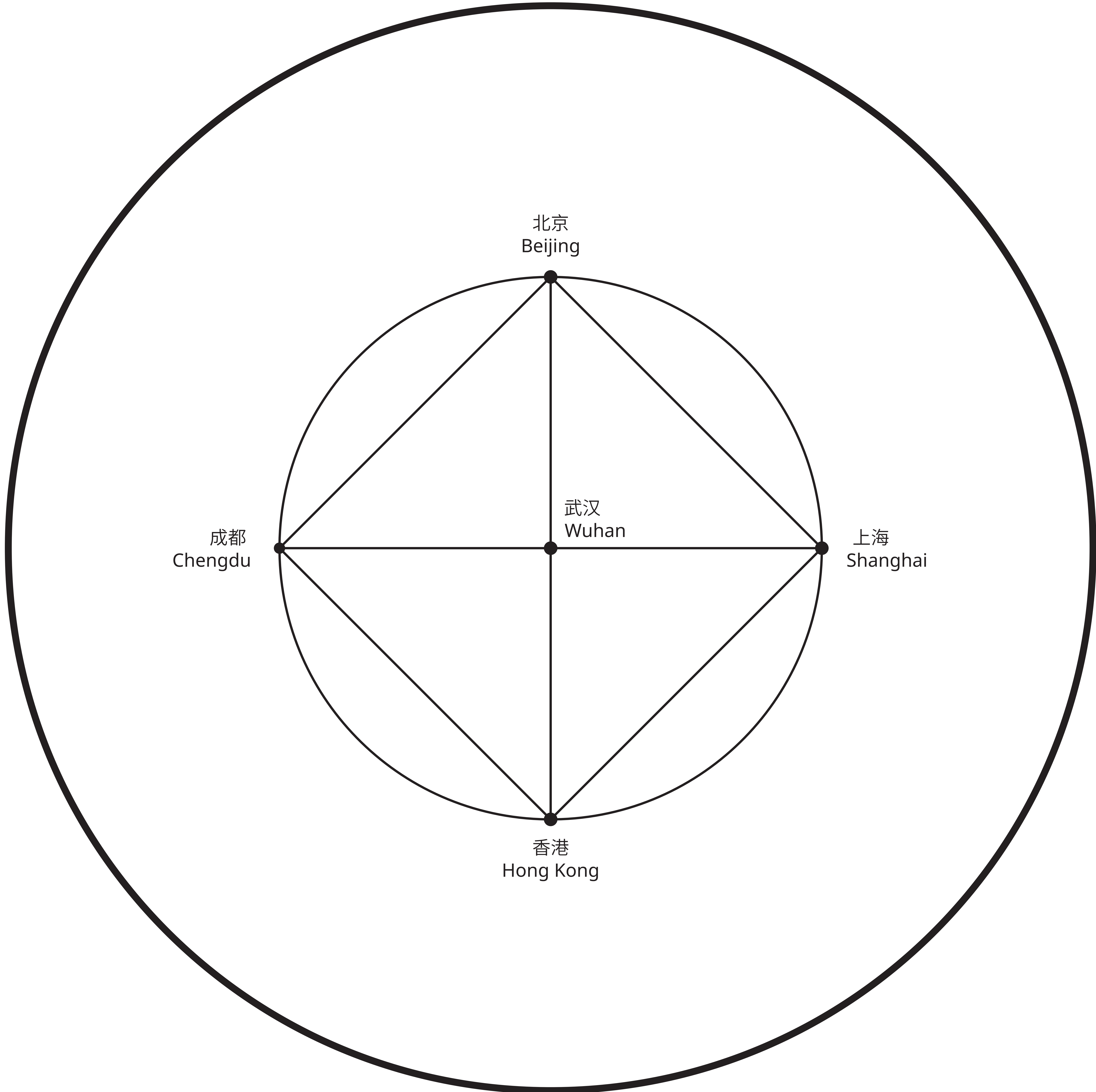
CITIES



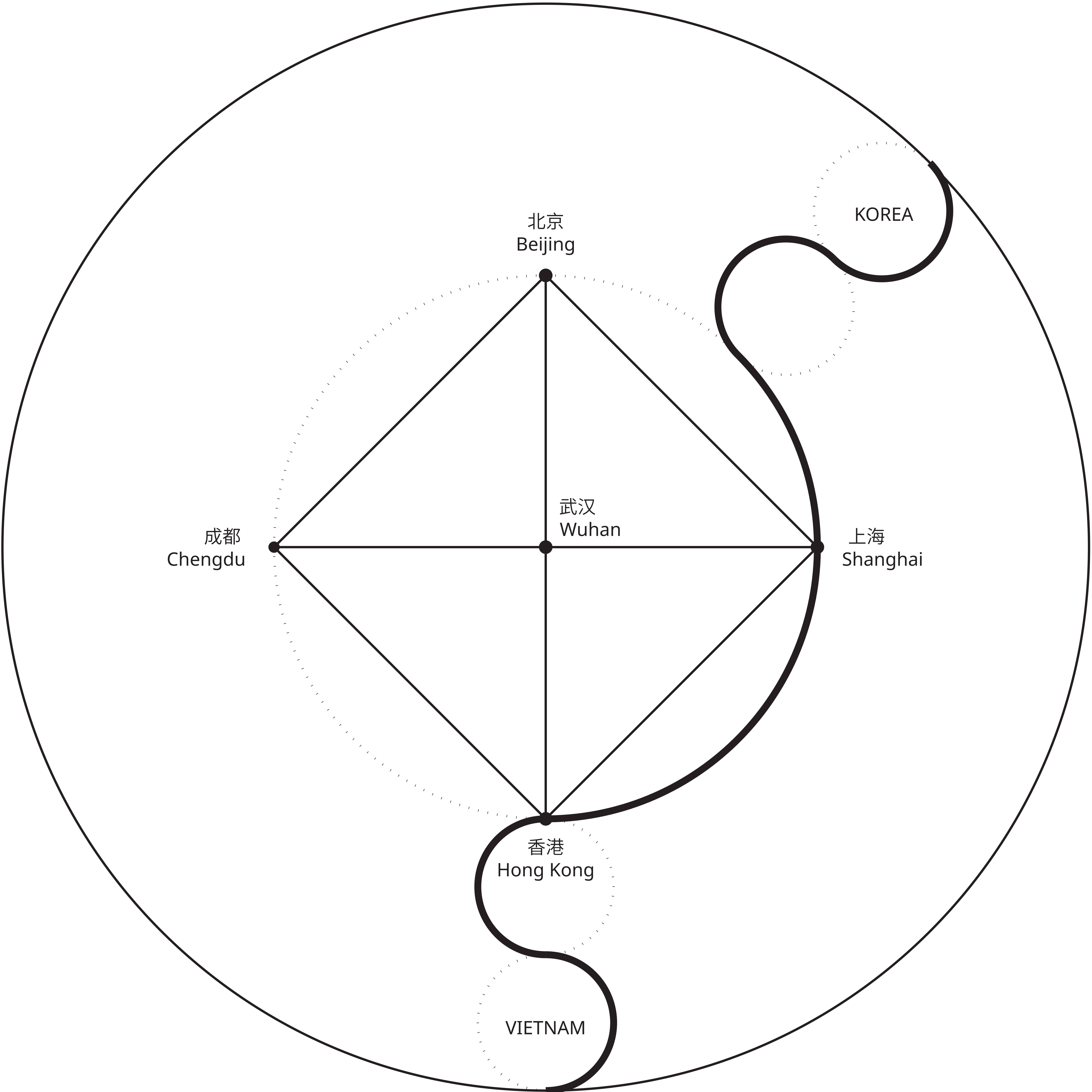
THE CIRCLE



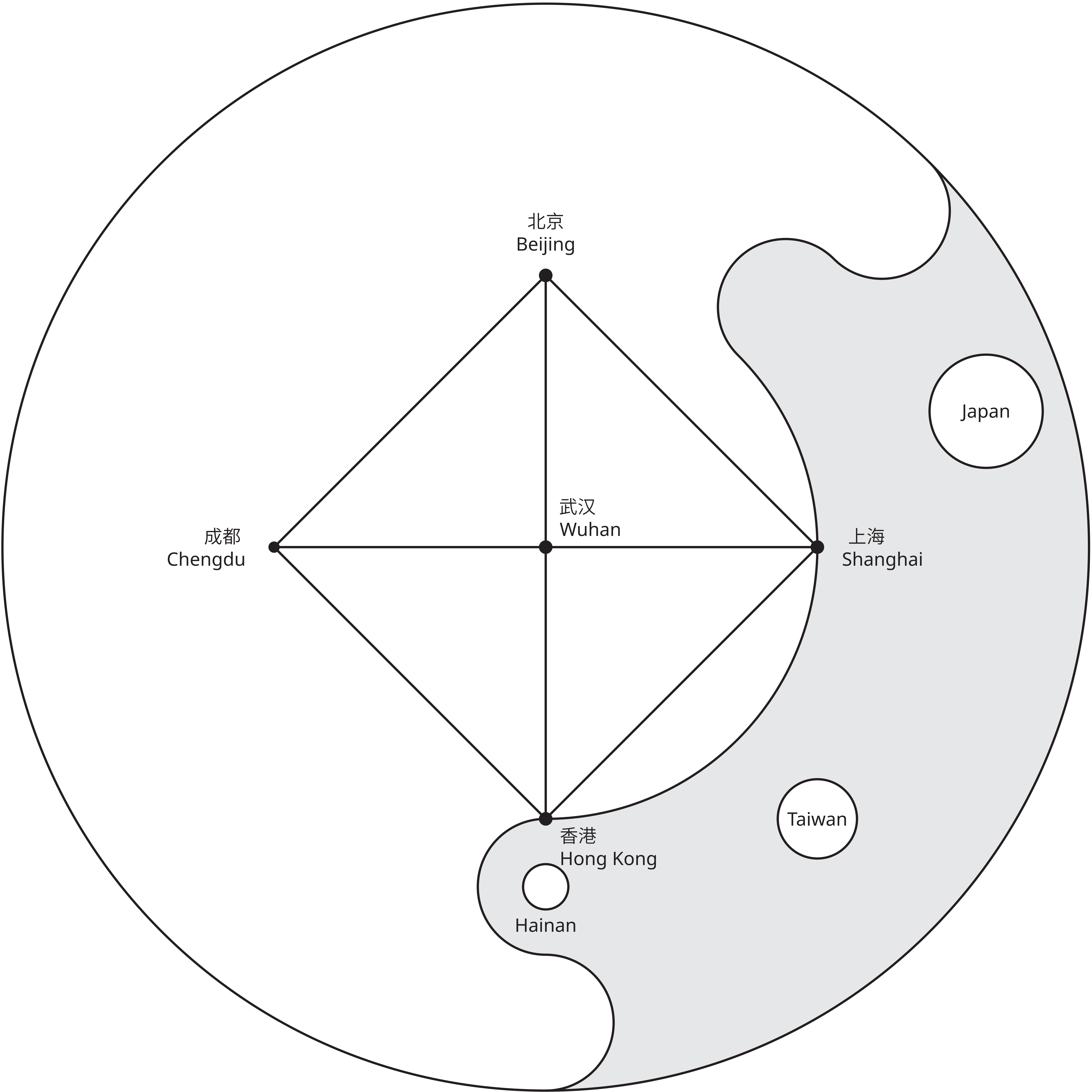
OUTER CIRCLE



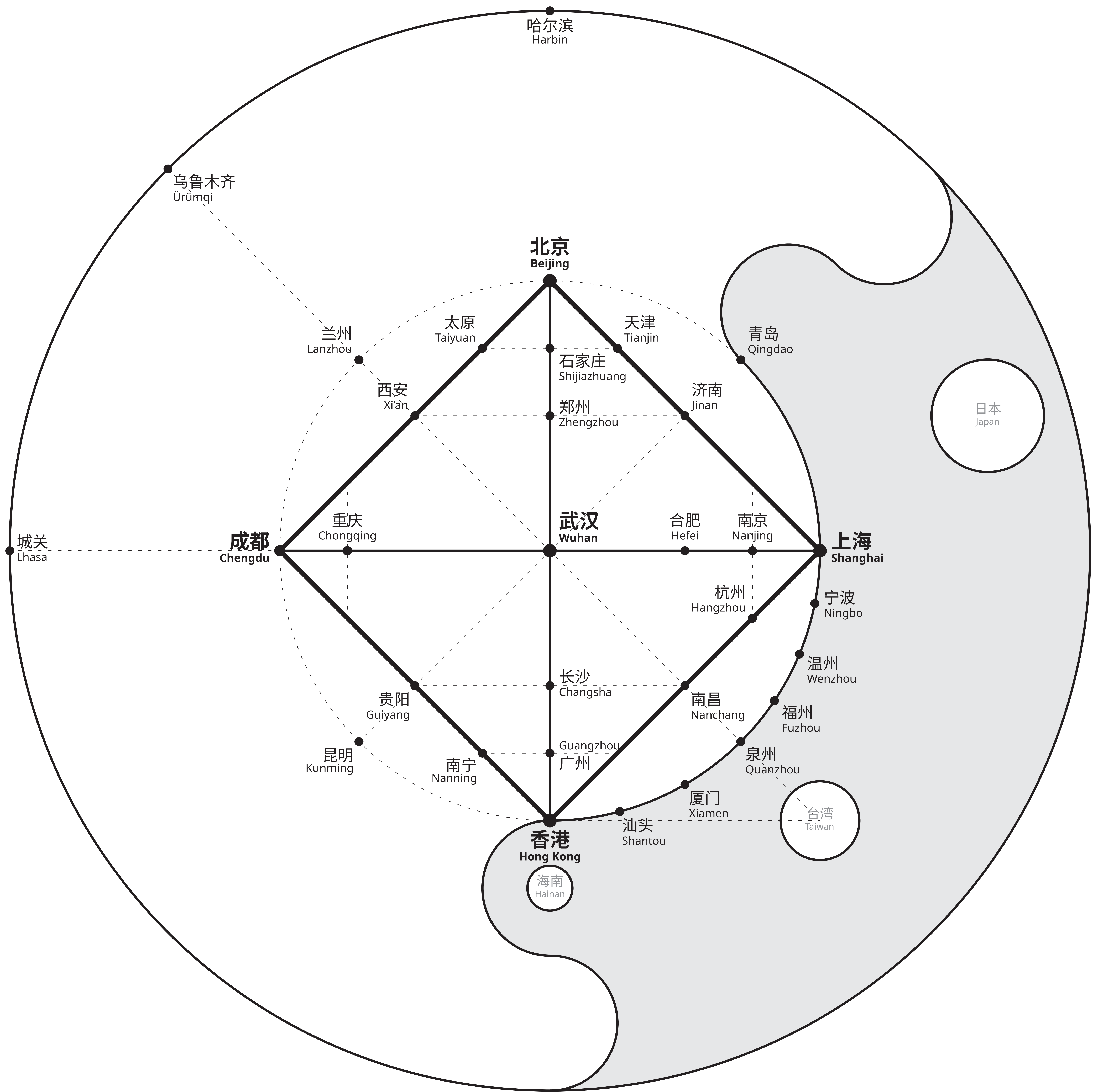
THE COAST

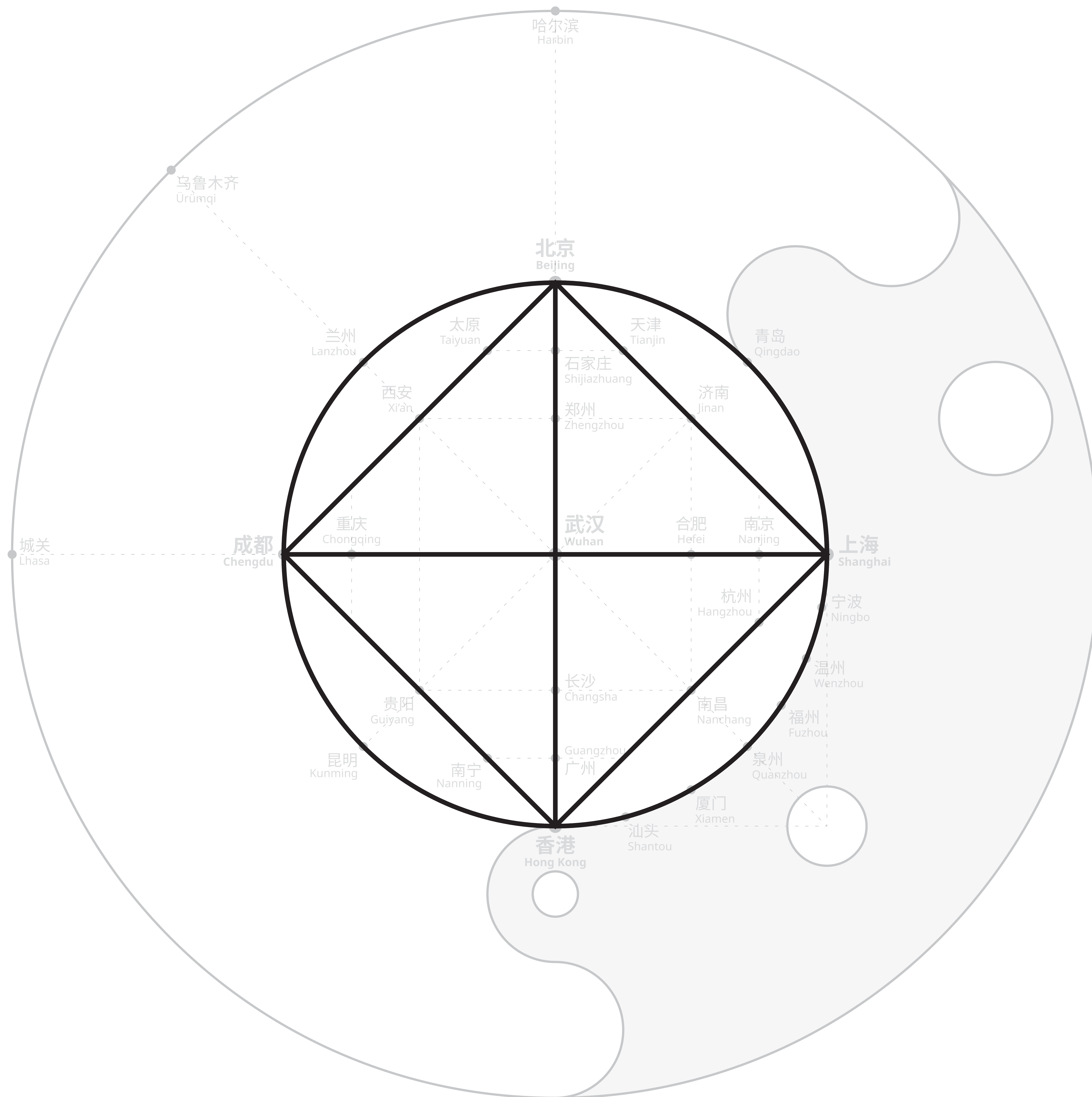


THE ISLANDS

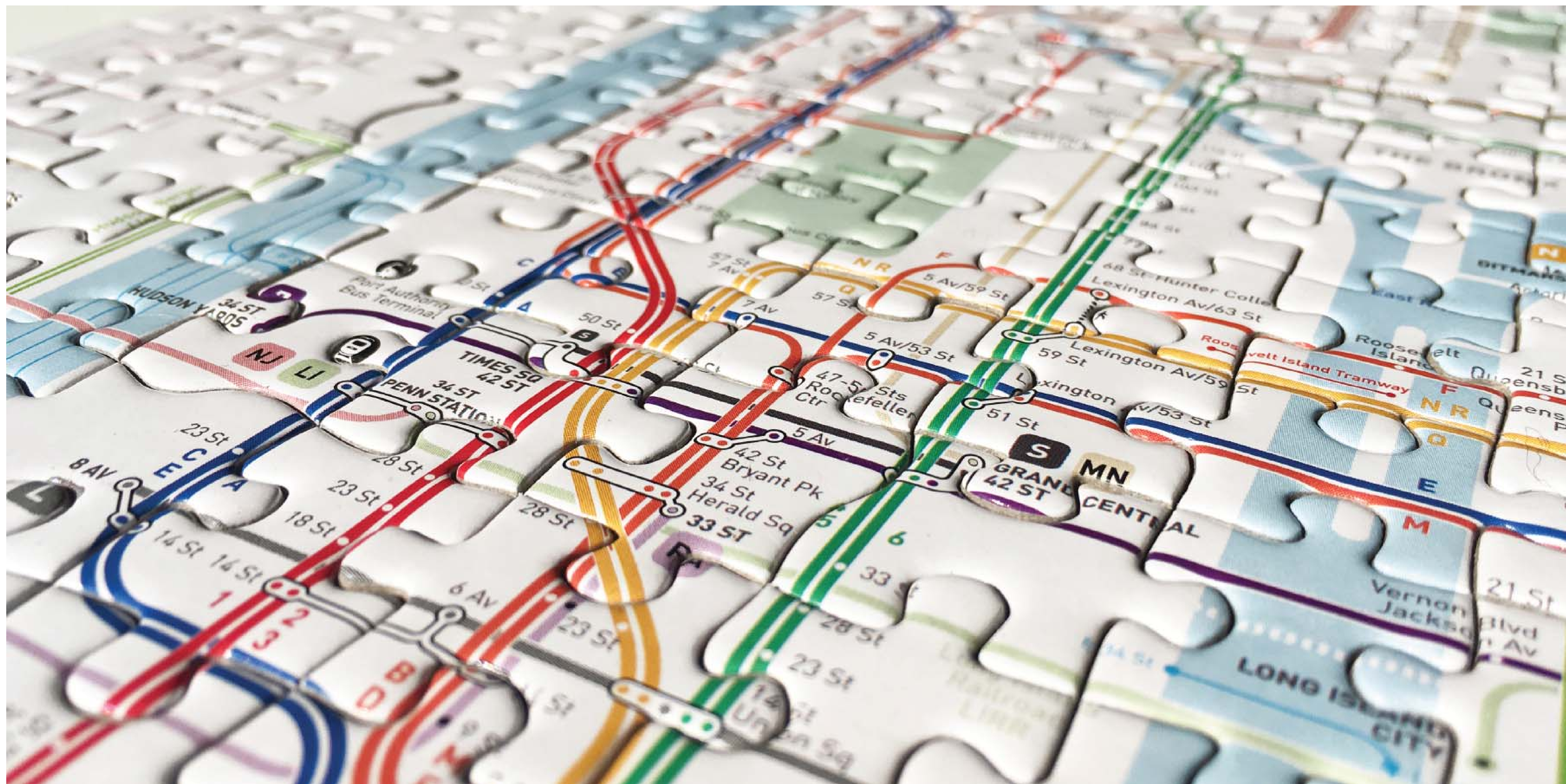


MORE CITIES





MAP AND MIND



JUG CEROVIĆ

TRANSIT MAPPING SYMPOSIUM
PARIS
28.02.2019