

# INDONESIAN RAILWAY UPDATES

2023

## *NEWS FLASH*



Korean Government Scholarship Program – Overseas Government Railway Staff  
KORASS – Woosong University 2023-2024

### **TEAM INDONESIA**

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LOCATION	NEWS UPDATE
<p style="text-align: center;"><b>JAVA ISLAND</b></p>	<p style="text-align: center;"><b>Jakarta Light Rail Transit (LRT) Extensions</b></p> <ul style="list-style-type: none"> <li>- <b>Name of Project</b> : LRT Jakarta phase 1B extension project</li> <li>- <b>Groundbreaking</b> : October 30<sup>th</sup>, 2023</li> <li>- <b>Duration</b> : 2023~2026 (expected)</li> <li>- <b>Phase Length</b> : 6.4 km</li> <li>- <b>Routes</b> : Velodrome – Manggarai</li> <li>- <b>Budgets</b> : Approximately IDR 5.5 Trillion (KRW 462 Billion)</li> <li>- <b>Financial Sourcing</b> : DKI Jakarta Provincial Government Budget</li> <li>- <b>Project Owner</b> : PT Jakarta Propertindo (JAKPRO)</li> <li>- <b>Railway Operator</b> : PT LRT Jakarta</li> <li>- <b>Constructor</b> : PT Waskita Karya – PT Nindya Karya – PT LEN Rekaprima Semesta Consortium</li> <li>- <b>Nearest Possible Phase Extension:</b> <ul style="list-style-type: none"> <li>a. Phase 1C (Manggarai – Dukuh Atas, 2 km)</li> <li>b. Phase 2A (Pegangsaan Dua – JIS, 7.96 km)</li> <li>c. Phase 2B (Rawamangun – Klender, 4.35 km)</li> <li>d. Phase 3A (JIS – Rajawali, 3 km)</li> <li>e. Phase 3B (Klender – Halim HSR Station, 5.21 km)</li> </ul> </li> <li>- <b>Progress</b> : <ul style="list-style-type: none"> <li>a. Groundbreaking (2023.10.30)</li> <li>b. Advance work starts and constructions for new elevated tracks Velodrome – Rawamangun station (2023.10.30 ~ ongoing)</li> </ul> </li> <li>- <b>Maps</b> : <div data-bbox="408 1507 1286 1720" data-label="Diagram"> </div> </li> <li>- <b>Source</b> : Asia News Network (2023.10.31st) <ul style="list-style-type: none"> <li>a. <a href="https://asianews.network/indonesia-kickstarts-jakarta-lrt-extension-set-to-complete-in-2026/">https://asianews.network/indonesia-kickstarts-jakarta-lrt-extension-set-to-complete-in-2026/</a></li> <li>b. <a href="https://www.kompas.id/baca/english/2023/12/12/en-lrt">https://www.kompas.id/baca/english/2023/12/12/en-lrt</a></li> <li>c. <a href="https://en.tempo.co/read/1790404/lrt-jakarta-of-velodrome-manggarai-route-project-costs-rp5-5tn-says-jakpro">https://en.tempo.co/read/1790404/lrt-jakarta-of-velodrome-manggarai-route-project-costs-rp5-5tn-says-jakpro</a></li> </ul> </li> </ul>

## Developing Surabaya Regional Railway

- **Name of Project** : Surabaya Regional Railway Line (SRRL) project
- **Route** : Surabaya Pasar Turi – Sidoarjo (27km)
- **Duration** : (DED Stages)

- **Detail**

According to the Ministry of Transportation (2020), the construction of the SRL has reached phase 1, where the scope of work includes construction and electrification between Surabaya Pasar Turi Station to Sidoarjo for 27 kilometers. Furthermore, the construction of new commuter stations in Surabaya Pasar Turi, Surabaya City, and Sidoarjo, remodeling of Gubeng, Waru, and Wonokromo stations, and the provision of signal blocks between stations. The estimated phase 1 employment time is from 2020 to 2026.

The total financing plan for SRRL phase 1 development reached 337,977,800 US dollars. The details consist of a total grant of 89,222,800 US dollars and a loan of 248,755,000 US dollars.

- **Scope of Work :**

- a. Construction of double track and electrification between Surabaya Pasar Turi – Sidoarjo (27 km)
- b. Construction of commuter stations in Surabaya Pasar Turi, Surabaya City and Sidoarjo
- c. Remodeling of Gubeng, Waru and Wonokromo stations
- d. Provide signaling block between stations

- **Benefits :**

- a. Availability of transportation services between Surabaya Pasar Turi – Surabaya Pasar Gubeng – Wonokromo – Sidoarjo
- b. Overcoming traffic congestion problems

- **Budgets** : IDR 3.5 Trillion

- **Map :**



	<ul style="list-style-type: none"> <li>- <b>Source</b> : News Report (2023.12.16th) <ul style="list-style-type: none"> <li>a. <a href="https://en.antaranews.com/news/301224/east-java-governor-confirms-british-cooperation-in-railway-project">https://en.antaranews.com/news/301224/east-java-governor-confirms-british-cooperation-in-railway-project</a></li> <li>b. <a href="https://djka.dephub.go.id/slide/profil-kegiatan">https://djka.dephub.go.id/slide/profil-kegiatan</a></li> </ul> </li> </ul>
	<p style="text-align: center;"><b>Double Track Wonokromo Area</b></p> <ul style="list-style-type: none"> <li>- <b>Name of Project</b> : Construction of Double Track Railway Segment Wonokromo</li> <li>- <b>Duration</b> : Plan 2024 – 2025</li> <li>- <b>Detail</b> : <ul style="list-style-type: none"> <li>a. Construction of a 7 km long railway line</li> <li>b. Bridge construction</li> <li>c. Signaling and Telecommunications Development</li> <li>d. Other Civil Development Works</li> </ul> </li> <li>- <b>Benefit</b> : <ul style="list-style-type: none"> <li>a. Reducing traffic congestion</li> <li>b. Improving the safety of train travel by eliminating level crossings</li> <li>c. Increase traffic capacity</li> <li>d. Reduce travel time and increase passenger carrying capacity</li> </ul> </li> <li>- <b>Budgets</b> : Approximately IDR. 350 Billion</li> <li>- <b>Source</b> : <a href="https://djka.dephub.go.id/slide/profil-kegiatan">https://djka.dephub.go.id/slide/profil-kegiatan</a></li> </ul>
	<p style="text-align: center;"><b>Jakarta – Bandung High Speed Rail Entering Services</b></p> <ul style="list-style-type: none"> <li>- <b>Name of Project</b> : Jakarta-Bandung High-Speed Railway</li> <li>- <b>Groundbreaking</b> : January 21<sup>st</sup>, 2016</li> <li>- <b>Duration</b> : 2015 (FS), 2016~2023 (Construction)</li> <li>- <b>Phase Length</b> : 142 km</li> <li>- <b>Routes</b> : Halim (Jakarta) – Tegalluar (Bandung)</li> <li>- <b>Budgets</b> : Approximately IDR 113,4 Trillion (KRW 9.6 Trillion – USD 7.3 Billion)</li> <li>- <b>Financial Sourcing</b> : Overseas Loan to Central Government</li> <li>- <b>Project Owner</b> : PT Pilar Sinergi BUMN Indonesia (Kereta Cepat Indonesia-China)</li> <li>- <b>Railway Operator</b> : PT Kereta Cepat Indonesia-China</li> <li>- <b>Constructor</b> : PT Wijaya Karya, China Railway Engineering &amp; Construction, CRCC, CRSBG</li> </ul>

- **Nearest Possible Phase Extension:** Phase 2 (Tegalluar – Surabaya, approx.. 700 km)
- **Progress :**
  - a. Feasibility Study (2015)
  - b. Groundbreaking (2016.01.21)
  - c. Construction Period (2016~2023)
  - d. Trial Run (2022~2023)
  - e. Commercial Operation Service Start (2023.10.01)

- **Maps :**



- **Source : Associated Press** (2023.10.02nd)  
<https://apnews.com/article/indonesia-china-high-speed-railway-jakarta-bandung-3f1e4b5be6a83a0b0f54981c2e93be60>

### **LRT Jabodebek Entering Revenue Services**

- **Name of Project :** Greater Jakarta (Jabodebek) LRT Project
- **Groundbreaking :** 2015
- **Duration :** 2015 (FS), 2015~2023 (Construction)
- **Phase Length :** 42.1 km (2 lines)
- **Routes :**
  - a. Cibubur Line : Dukuh Atas (Jakarta) – Harjamukti (Depok)
  - b. Bekasi Line : Dukuh Atas (Jakarta) – Jati Mulya (Bekasi)
- **Budgets :** approximately IDR 23,8 Trillion (KRW 2.02 Trillion – USD 1.8 Billion)
- **Financial Sourcing :** Central Government Budget
- **Project Owner :** Central Government (Ministry of Transportation of Republic of Indonesia)
- **Railway Operator :** PT Kereta Api Indonesia
- **Constructor :** PT Adhi Karya
- **Nearest Possible Phase Extension:** Cibubur Line phase 2: Harjamukti

(Depok) – Baranangsiang (Bogor)

- **Progress :**

- a. Feasibility Study (2015)
- b. Groundbreaking (2015)
- c. Construction Period (2015~2023)
- d. Trial Run (2022~2023)
- e. Commercial Operation Service Start (2023.08.28)

- **Maps :**



- **Source : Railway Gazette - Metro Report International (2023.09.04<sup>th</sup>)**

<https://www.railwaygazette.com/metros/president-opens-jabodebek-lrt/64857.article>

### Jakarta Mass Rapid Transit (MRT) Extensions

- **Source : Kompas.com (2024.01.10<sup>th</sup>)**  
<https://megapolitan.kompas.com/read/2024/01/10/14373231/pembangunan-mrt-jakarta-fase-2a-thamrin-monas-sudah-6727-persen>
- **Name of Project :** MRT Jakarta phase 2A extension project
- **Groundbreaking :** March 24<sup>th</sup>, 2019
- **Duration :** 2019~2026 (expected)
- **Phase Length :** 6.3 km

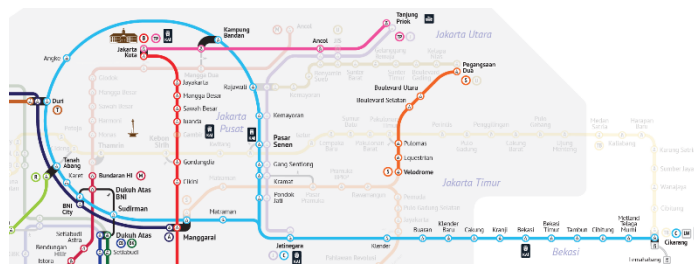
- **Routes** : Bundaran HI – Jakarta Kota
- **Budgets** : approximately IDR 26 Trillion (KRW 2.2 Trillion)
- **Financial Sourcing** : Overseas Loan to Central & Local Government
- **Project Owner** : PT MRT Jakarta
- **Railway Operator** : PT MRT Jakarta
- **Constructor** : PT Hutama Karya, PT Wijaya Karya, Shimizu-Obayashi, Mitsui Sumitomo
- **Nearest Possible Phase Extension:**
  - a. Phase 2B (Jakarta Kota – Ancol Barat, 6 km)
  - b. Phase 3A (Kembangan – Ujung Menteng, 33.76 km)
  - c. Phase 3B (Balaraja – Kembangan, 29.9 km & Ujung Menteng – Cikarang, 20.43 km)
  - d. Phase 4 (Fatmawati – TMII, 12 km)
- **Progress** :
  - a. Groundbreaking CP200 (2019.03.24)
  - b. Groundbreaking CP201 (2021.04)
  - c. Groundbreaking CP202 (2022.09.10)
  - d. Advance work starts and constructions for new tunnels and underground tracks (2019.03.24 ~ ongoing)
- **Maps** :





## Manggarai Station 1<sup>st</sup> Floor Relayout Completed

- **Name of Project** : Manggarai – Cikarang Double-double Track (DDT) Project
- **Groundbreaking** : 2012
- **Duration** : 2012~ 2024 (expected)
- **Phase Length** : 32 km
- **Routes** : Manggarai – Cikarang
- **Budgets** : Cumulative approx. IDR 10 Trillion (KRW 840 Billion)
- **Financial Sourcing** : Overseas Loan (JICA, 2012-2017), Government Budget, Citizen Investments (National Sharia Bonds/Securities) (2018-current)
- **Project Owner** : National Government (Ministry of Transportation of Republic of Indonesia)
- **Railway Operator** : PT Kereta Api Indonesia (KAI)
- **Constructor** : PT Waskita Karya – PT Nindya Karya – PT LEN Rekaprima Semesta Consortium
- **Nearest Possible Phase Extension:** Cikarang – Karawang Electrification
- **Progress:**
  - a. Finished new construction of Bekasi Timur and Metland Telaga Murni Station, new platform of Cikarang Station and Modernization of Cibitung Station (2017)
  - b. Finished new double tracks construction of Double Track Jatinegara – Cakung (2018)
  - c. Finished modernization construction of Jatinegara, Klender, Buaran, Klender Baru, Cakung, Kranji, Bekasi (2020-2021)
  - d. Finished new double tracks construction of Manggarai – Jatinegara (2022)
  - e. Finished new track and platform (2<sup>nd</sup> floor) of Manggarai Station for Bogor Line (2022)
  - f. Finished all new track and platforms (1<sup>st</sup> floor) of Manggarai Station for Cikarang-Loop Line, Airport Soekarno-Hatta Line, and Intercity trains (2023)
- **Maps :**

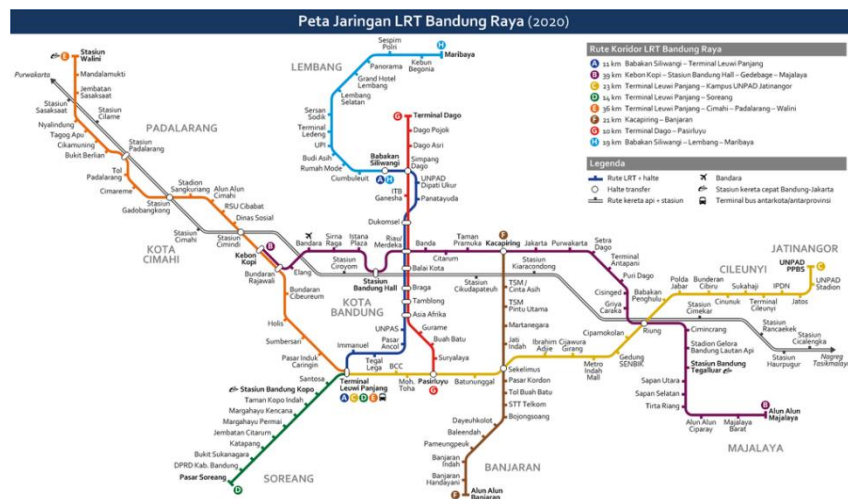




- **Source** : Official Web of Directorate General of Railway (2023.11.17th)  
<https://djka.dephub.go.id/switch-over-ke-7-stasiun-manggarai-digelar-pintu-masuk-penumpang-dan-jalur-perjalanan-commuter-line-diubah>

## Greater Bandung LRT Project

- **Name of Project** : Greater Bandung LRT Project (North – South)
- **Duration** : 2019 (FS), 2027~ (Expected Construction)
- **Phase Length** : 100 km
- **Routes** :
  - c. Rute 1: Leuwi Panjang – Tegalluar (16 km)
  - d. Extantion: Cimahi – Jatinangor
- **Budgets** : approximately IDR 20 Trillion
- **Financial Sourcing** : PPP
- **Project Owner** : West Java Provincial Government
- **Railway Operator** : -
- **Benefit** :
  - to transfer passengers from the Tegalluar station (Jakarta-Bandung High Speed Train) to downtown Bandung
- **Nearest Possible Phase Extension**: Leuwi panjang-Dago
- **Maps** :



	<ul style="list-style-type: none"> <li>- <b>Source : Pikiran Rakyat – Indonesian News Agency</b> (2024.01.10<sup>th</sup>) <a href="#">Butuh Rp20 Triliun, LRT Bandung Akan Dibangun 2 Jalur Rute Terkoneksi Stasiun Kereta Cepat Whoosh - PRFM News (pikiran-rakyat.com)</a></li> <li>- <b>Source : PWC – International Consultant Website</b> <a href="#">Rp5 trillion for first phase investment: Greater Bandung LRT to utilise PPP scheme (pwc.com)</a></li> </ul>
<b>KALIMANTAN ISLAND</b>	<p style="text-align: center;"><b>Railway Prospect of New Capital City</b></p> <ul style="list-style-type: none"> <li>- <b>Name of Project</b> : Possibility of IKN Railway Project</li> <li>- <b>Route</b> : Ibu Kota Nusantara (Kalimantan Island)</li> <li>- <b>Duration</b> : 2025 ~ 2029</li> <li>- <b>Detail</b> : <ul style="list-style-type: none"> <li>a. The Balikpapan - Central Government Core Area (CGCA) Urban Train will be built, spanning a length of 143.33 kilometers, with a travel time of 88 minutes.</li> <li>b. The Airport Train will connect the International Airport with CGCA. The government has prepared two alternative routes. First, the line is 65.5 kilometers long, with a travel time of 29.8 minutes, which crosses four stations. In the second route alternative, the route is built with a length of 44.91 kilometers and crosses three stations with a shorter distance, as it follows the right of way (ROW) of the Balikpapan-KIPP toll road.</li> <li>c. Urban train with Kalimantan.</li> <li>d. Intercity Rail (Green Rail Concept).</li> </ul> <p>As this infrastructure requires large financing, the Ministry of Transportation plans to use a government and business entity cooperation (KPBU) scheme as well as concessions involving domestic and foreign parties. The Ministry of Transportation's Directorate General of Railways proposed a 2024 budget of Rp9.8 trillion, including support for the IKN train project.</p> </li> <li>- <b>Source</b> : Railwaytech Indonesia 2024 Email Information(2023.12.20<sup>th</sup>) MASKA (Indonesian Railway Society)</li> </ul>

<p><b>SULAWESI ISLAND</b></p>	<p style="text-align: center;"><b>Makassar - Pare Pare Railway Entering Services</b></p> <ul style="list-style-type: none"> <li>- <b>Name of Project</b> : Makassar – Parepare Railway Project</li> <li>- <b>Groundbreaking</b> : January 21<sup>st</sup>, 2016</li> <li>- <b>Duration</b> : 2015~2023 (Construction)</li> <li>- <b>Phase Length</b> : 145 km</li> <li>- <b>Routes</b> : Mangilu (Maros, Makassar) – Garongkong (Barru)</li> <li>- <b>Budgets</b> : approximately IDR 1 Trillion (KRW 85 Billion – USD 66.4 Million)</li> <li>- <b>Financial Sourcing</b> : Central Government Budget</li> <li>- <b>Project Owner</b> : Central Government (Ministry of Transportation of Republic of Indonesia)</li> <li>- <b>Railway Operator</b> : PT Celebes Railway Indonesia (Infrastructure) – PT Kereta Api Indonesia (Rolling Stock and Operations)</li> <li>- <b>Constructor</b> : National Constructor Consortium</li> <li>- <b>Nearest Possible Phase Extension:</b> <ul style="list-style-type: none"> <li>a. Parepare–Mamuju</li> <li>b. Makassar–Bulukumba–Watampone</li> <li>c. Manado–Bitung</li> <li>d. Bitung–Gorontalo</li> </ul> </li> <li>- <b>Progress</b> : <ul style="list-style-type: none"> <li>a. Construction Period (2015~2022)</li> <li>b. Trial Run (2022~2023)</li> <li>c. Commercial Operation Service Start (2023.03.29)</li> </ul> </li> <li>- <b>Maps</b> : <div data-bbox="628 1496 826 1980" data-label="Figure"> <table border="1"> <thead> <tr> <th>Station</th> <th>Distance (km)</th> </tr> </thead> <tbody> <tr> <td>Mangilu</td> <td>8.8</td> </tr> <tr> <td>Labakang</td> <td>9</td> </tr> <tr> <td>Ma'rang</td> <td>7.8</td> </tr> <tr> <td>Mandalle</td> <td>12.7</td> </tr> <tr> <td>Tenete Rilau</td> <td>9</td> </tr> <tr> <td>Barru</td> <td>4.7</td> </tr> <tr> <td>Garongkong</td> <td></td> </tr> </tbody> </table> </div> </li> </ul>	Station	Distance (km)	Mangilu	8.8	Labakang	9	Ma'rang	7.8	Mandalle	12.7	Tenete Rilau	9	Barru	4.7	Garongkong	
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	<ul style="list-style-type: none"> <li>- <b>Source : Antara News – Indonesian News Agency</b> (2023.03.29<sup>th</sup>)  <a href="https://en.antaranews.com/news/276969/jokowi-inaugurates-railway-on-maros-barru-route-in-south-sulawesi">https://en.antaranews.com/news/276969/jokowi-inaugurates-railway-on-maros-barru-route-in-south-sulawesi</a></li> </ul>
<b>SUMATERA ISLAND</b>	<p style="text-align: center;"><b>Construction of Medan Elevated Track Phase II</b></p> <ul style="list-style-type: none"> <li>- <b>Name of Project :</b> Construction of the Elevated Track between Medan – Binjai (Phase II)</li> <li>- <b>Period :</b> 2022 - 2024</li> <li>- <b>Scope of Work:</b> <ul style="list-style-type: none"> <li>a. Construction of Double Track Railway Structure (3.3 km elevated and 3.4 km at grade)</li> <li>b. Lower Medan Station Track Arrangement</li> <li>c. Development of Medan Upper Station</li> <li>d. Signaling and Telecommunications Works</li> </ul> </li> <li>- <b>Output :</b> <ul style="list-style-type: none"> <li>a. Increase the Medan Atas Station emplacement line from 2 lines to 4 lines</li> <li>b. Construction of 2 new stations</li> </ul> </li> <li>- <b>Outcome :</b> <ul style="list-style-type: none"> <li>a. Increase train safety and speed</li> <li>b. Reduce traffic jams by closing 4 level crossings</li> <li>c. Increase traffic capacity</li> </ul> </li> <li>- <b>Budgets :</b> IDR 1,5 Trillion</li> <li>- <b>Financial Sourcing :</b> Central Government</li> <li>- <b>Source :</b> <a href="https://djka.dephub.go.id/slide/profil-kegiatan">https://djka.dephub.go.id/slide/profil-kegiatan</a></li> </ul>
<b>BALI ISLAND</b>	<p style="text-align: center;"><b>Bali LRT Project Undergoing Acceleration</b></p> <p>Bali Light Rail Transit (LRT) was undergoing more focuses, Indonesian Minister of Transportation visit Korea Republic</p> <ul style="list-style-type: none"> <li>- <b>Name of Project :</b> Bali LRT Project</li> <li>- <b>Groundbreaking :</b> 2024 (expected)</li> <li>- <b>Duration :</b> 2023~2027 (expected)</li> <li>- <b>Phase Length :</b> 5.3 km</li> <li>- <b>Routes :</b> I Gusti Ngurah Rai Airport – Central Park (Kuta)</li> <li>- <b>Budgets :</b> Cumulative approx. IDR 10 Trillion (KRW 840 Billion)</li> <li>- <b>Financial Sourcing :</b> Loan, PPP</li> </ul>

- **Project Owner** : National Government (Ministry of Transportation of Republic of Indonesia) & Local Government (Bali Provincial Government)
- **Railway Operator** : TBD
- **Constructor** : TBD
- **Nearest Possible Phase Extension:** Central Park (Kuta) – Seminyak, 3.4 km
- **Progress:**
  - a. Feasibility Studies (2023 - current)
  - b. Land for Stations and Transit Oriented Development (clean and clear)
- **Maps :**



- **Source** : Antara News – Indonesian News Agency (2024.01.10th)  
<https://en.antaranews.com/news/302820/transportation-minister-discusses-bali-lrt-financing-with-south-korea>