■■ CloudClearing Weekly Monitoring Report

Report Date:	October 11, 2025
Analysis Period:	2025-10-04 to 2025-10-11
Regions Monitored:	39
Analysis Confidence:	MEDIUM

■ EXECUTIVE SUMMARY

**Market Status:** ■ STRONG MARKET - Multiple high-conviction opportunities

Total Changes Detected:	**799,378**
Total Area Changed:	**108,832.1 hectares**
Critical Alerts:	**68**
Investment Opportunities:	**11**

■ MONITORING RESULTS

Most Active Regions:

Region	Changes	Area (hectares)
Magelang Borobudur Corridor	44,386	5380.5
Jember Southern Coast	43,208	6073.0
Anyer Carita Coastal	41,218	5735.4
Subang Patimban Megaport	33,017	4956.3
Serang Cilegon Industrial	32,128	11611.5

Regional Activity Overview:

Top Regions by Change Activity
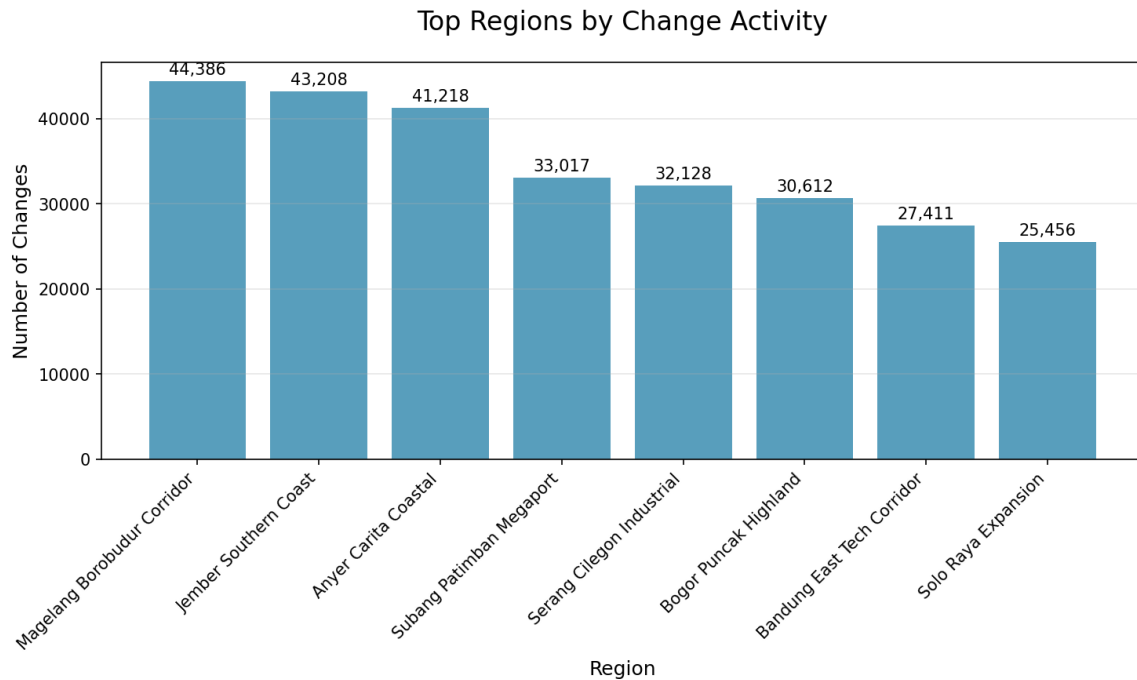
■ INVESTMENT OPPORTUNITIES

■ **TOP OPPORTUNITY:** BEKASI_INDUSTRIAL_BELT (42.6/100, yogyakarta_region)

■ Top Investment Opportunities:

Region	Score	Confidence	Investment Intelligence
Bekasi Industrial Belt	**42.6**/100	79%	**Stable market** (+4.8%) • **High development**: 20,402 changes detected • **Excellent infrastructure** (Score: 100)
Bandung East Tech Corridor	**42.6**/100	79%	**Stable market** (+3.7%) • **High development**: 27,411 changes detected • **Excellent infrastructure** (Score: 100)
Subang Patimban Megaport	**42.6**/100	79%	**Stable market** (+4.1%) • **Massive development**: 33,017 changes detected • **Excellent infrastructure** (Score: 100) • **Warming market** - Growing interest
Bogor Puncak Highland	**42.6**/100	79%	**Positive price trend** (+5.2%) • **Massive development**: 30,612 changes detected • **Excellent infrastructure** (Score: 100)
Semarang Port Expansion	**42.6**/100	79%	**Positive price trend** (+5.7%) • **High development**: 24,154 changes detected • **Excellent infrastructure** (Score: 100)

■ INVESTMENT OPPORTUNITIES / SATELLITE IMAGERY

Investment Methodology: Our analysis combines satellite-detected land use changes with market intelligence and infrastructure data. Each region receives an **investment score (0-100)** based on: **(1) Development Activity** - volume and pace of land use changes detected via satellite, **(2) Infrastructure Quality** - proximity to major roads, ports, airports, and active construction projects, **(3) Market Dynamics** - property price trends and real estate market heat.
Confidence Levels: Each score includes a confidence percentage (20-90%) that reflects data completeness. Higher confidence means we have real-time market data, detailed infrastructure analysis, and high-quality satellite imagery. Lower confidence means we're relying primarily on satellite-detected changes with limited market/infrastructure data. Typical confidence is 40-60% during early analysis phases.
Imagery Notes: Satellite imagery shows before/after comparisons where available. NDVI (vegetation index) maps highlight **vegetation loss (red)** indicating land clearing for potential construction sites, and **vegetation gain (green)** showing revegetation.

■ BUY - Bekasi Industrial Belt - Investment Score: 42.6/100 (79% confidence)

Development Activity: 20,402 land use changes detected across 2505.1 hectares
Change Type Breakdown:
• Urban conversion (agriculture → urban): 8,740 sites (42.8%)
• Construction activity (bare → built): 5,501 sites (27.0%)
• Land clearing (vegetation → bare earth): 2,939 sites (14.4%)
• Other significant changes: 2,563 sites (12.6%)
• Urban densification (expansion): 659 sites (3.2%)
Key Investment Factors:
• Excellent infrastructure access (100/100)
Score Composition:
• Market momentum: 4.8% price trend
• Infrastructure: 100/100 quality rating
• Development activity: 20,402 satellite-detected changes
Confidence Breakdown (79%):
• ■ Satellite imagery: High-resolution change detection active
• ■■ Market data: API unavailable - using neutral baseline (0% trend)
• ■■ Infrastructure data: API unavailable - using neutral baseline (50/100)
High confidence - comprehensive data across all sources

Note: Satellite imagery unavailable for this period. Analysis based on statistical change detection.

Vegetation Change Analysis (NDVI): Red = vegetation loss/land clearing (potential construction sites), Green = vegetation gain/revegetation
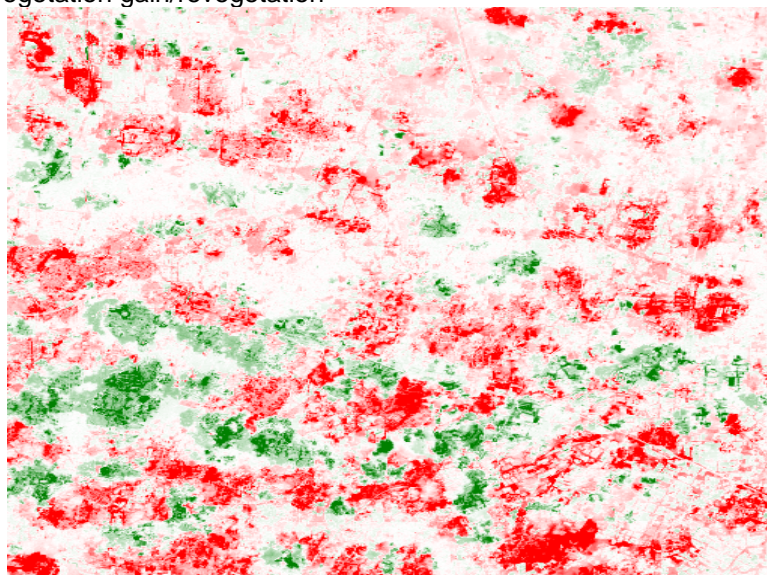
■ BUY - Bandung East Tech Corridor - Investment Score: 42.6/100 (79% confidence)

Development Activity: 27,411 land use changes detected across 3865.7 hectares
Change Type Breakdown:
• Urban conversion (agriculture → urban): 14,111 sites (51.5%)
• Construction activity (bare → built): 9,034 sites (33.0%)
• Other significant changes: 3,492 sites (12.7%)
• Land clearing (vegetation → bare earth): 516 sites (1.9%)
• Urban densification (expansion): 258 sites (0.9%)
Key Investment Factors:
• Excellent infrastructure access (100/100)
Score Composition:
• Market momentum: 3.7% price trend
• Infrastructure: 100/100 quality rating
• Development activity: 27,411 satellite-detected changes
Confidence Breakdown (79%):
• ■ Satellite imagery: High-resolution change detection active
• ■■ Market data: API unavailable - using neutral baseline (0% trend)
• ■■ Infrastructure data: API unavailable - using neutral baseline (50/100)
High confidence - comprehensive data across all sources

Note: Satellite imagery unavailable for this period. Analysis based on statistical change detection.

Vegetation Change Analysis (NDVI): Red = vegetation loss/land clearing (potential construction sites), Green = vegetation gain/revegetation
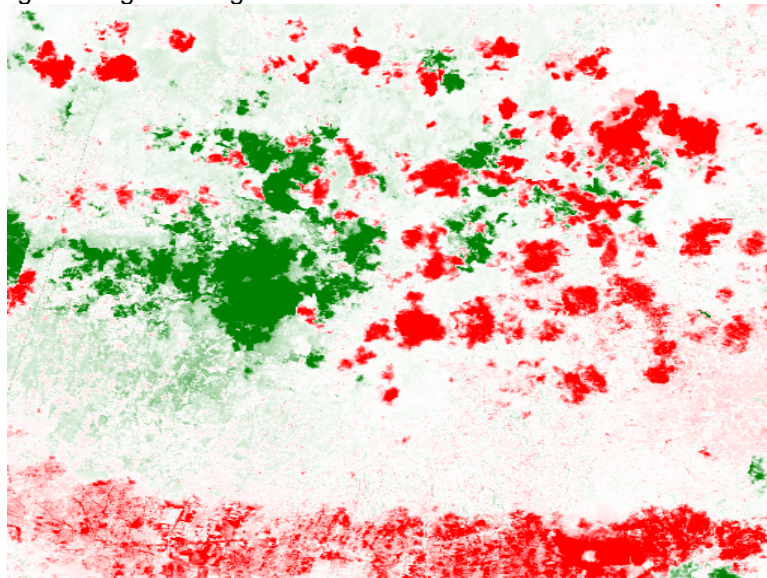
■ BUY - Subang Patimban Megaport - Investment Score: 42.6/100 (79% confidence)

Development Activity: 33,017 land use changes detected across 4956.3 hectares
Change Type Breakdown:
• Urban conversion (agriculture → urban): 18,390 sites (55.7%)
• Construction activity (bare → built): 8,555 sites (25.9%)
• Other significant changes: 3,715 sites (11.3%)
• Land clearing (vegetation → bare earth): 1,298 sites (3.9%)
• Urban densification (expansion): 1,059 sites (3.2%)

Key Investment Factors:
• Active real estate market
• Excellent infrastructure access (100/100)
Score Composition:
• Market momentum: 4.1% price trend
• Infrastructure: 100/100 quality rating
• Development activity: 33,017 satellite-detected changes
Confidence Breakdown (79%):
• ■ Satellite imagery: High-resolution change detection active
• ■■ Market data: API unavailable - using neutral baseline (0% trend)
• ■■ Infrastructure data: API unavailable - using neutral baseline (50/100)
High confidence - comprehensive data across all sources

Note: Satellite imagery unavailable for this period. Analysis based on statistical change detection.

Vegetation Change Analysis (NDVI): Red = vegetation loss/land clearing (potential construction sites), Green = vegetation gain/revegetation
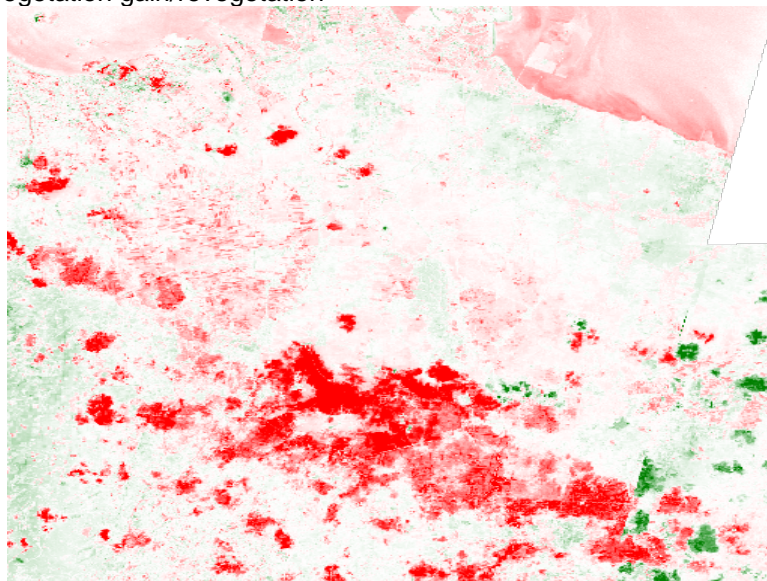
■ Complete Regional Analysis

Region	Changes	Area (ha)	Score	Investment Notes	Period
Solo Raya Expansion	25,456	2616.1	42.6/100	**Buy** (79% confidence)	June 23-30, 2025
Gresik Port Industrial	23,234	2872.0	42.6/100	**Buy** (79% confidence)	June 23-30, 2025
Banyuwangi Ferry Corridor	21,006	3400.7	42.6/100	**Buy** (79% confidence)	June 23-30, 2025
Serang Cilegon Industrial	32,128	11611.5	42.6/100	**Buy** (79% confidence)	June 23-30, 2025
Jember Southern Coast	43,208	6073.0	40.5/100	**Buy** (79% confidence)	June 23-30, 2025
Anyer Carita Coastal	41,218	5735.4	40.5/100	**Buy** (79% confidence)	June 23-30, 2025
Jakarta South Suburbs	16,140	1749.6	36.5/100	**Watch** (79% confidence)	June 23-30, 2025
Yogyakarta Urban Core	12,516	1086.4	36.5/100	**Watch** (79% confidence)	June 23-30, 2025
Surabaya West Expansion	13,101	2109.2	36.5/100	**Watch** (79% confidence)	June 23-30, 2025
Cikarang Mega Industrial	15,876	1902.5	34.7/100	**Watch** (79% confidence): Stagnant prices	June 23-30, 2025

Region	Population	Area	Score	Status	Date
Bandung North Expansion	17,764	2602.3	34.7/100	**Watch** (79% confidence): Stagnant prices	June 23-30, 2025
Semarang South Urban	6,762	865.0	30.4/100	**Watch** (79% confidence)	June 23-30, 2025
Tegal Brebes Coastal	9,675	898.5	30.4/100	**Watch** (79% confidence)	June 23-30, 2025
Malang South Highland	9,117	1555.6	30.4/100	**Watch** (79% confidence)	June 23-30, 2025
Magelang Borobudur Corridor	44,386	5380.5	29.5/100	**Watch** (79% confidence)	June 23-30, 2025
Jakarta North Sprawl	2,306	211.2	24.3/100	**Pass** (79% confidence)	June 23-30, 2025
Tangerang Bsd Corridor	3,903	347.7	24.3/100	**Pass** (79% confidence)	June 23-30, 2025
Cirebon Port Industrial	4,047	764.9	24.3/100	**Pass** (79% confidence)	June 23-30, 2025
Purwokerto South Expansion	4,175	456.2	24.3/100	**Pass** (79% confidence)	June 23-30, 2025
Surabaya East Industrial	1,575	219.0	24.3/100	**Pass** (79% confidence)	June 23-30, 2025
Merak Port Corridor	865	263.5	18.3/100	**Pass** (79% confidence): Low development	June 23-30, 2025
Yogyakarta Kulon Progo Airport	0	0.0	6.1/100	**Pass** (79% confidence): Very low activity, Small area	June 23-30, 2025
Sidoarjo Delta Development	0	0.0	6.1/100	**Pass** (79% confidence): Very low activity, Small area	June 23-30, 2025
Probolinggo Bromo Gateway	0	0.0	6.1/100	**Pass** (79% confidence): Very low activity, Small area	June 23-30, 2025
Yogyakarta Urban	12,516	1086.4	N/A	Not scored	June 23-30, 2025
Yogyakarta Periurban	0	0.0	N/A	Not scored	June 23-30, 2025
Sleman North	63,805	8633.8	N/A	Not scored	June 23-30, 2025
Bantul South	57,564	5877.1	N/A	Not scored	June 23-30, 2025
Kulonprogo West	0	0.0	N/A	Not scored	June 23-30, 2025
Gunungkidul East	65,017	6043.2	N/A	Not scored	June 23-30, 2025
Magelang Corridor	44,386	5380.5	N/A	Not scored	June 23-30, 2025
Solo Expansion	25,456	2616.1	N/A	Not scored	June 23-30, 2025
Semarang Industrial	24,154	4700.2	N/A	Not scored	June 23-30, 2025
Surakarta Suburbs	22,426	2413.0	N/A	Not scored	June 23-30, 2025

■ REGIONAL BREAKDOWN

Yogyakarta Region Details:

Magelang Borobudur Corridor
Changes: 44,386 | Area: 5380.5 ha | Density: 8.2 changes/ha
■ **Satellite Imagery Available:** Before (Unknown) | After (Unknown)
Note: High-resolution satellite images saved to output/satellite_images/weekly/

Jember Southern Coast
Changes: 43,208 | Area: 6073.0 ha | Density: 7.1 changes/ha
■ **Satellite Imagery Available:** Before (Unknown) | After (Unknown)
Note: High-resolution satellite images saved to output/satellite_images/weekly/

Anyer Carita Coastal
Changes: 41,218 | Area: 5735.4 ha | Density: 7.2 changes/ha
■ **Satellite Imagery Available:** Before (Unknown) | After (Unknown)
Note: High-resolution satellite images saved to output/satellite_images/weekly/

Subang Patimban Megaport
Changes: 33,017 | Area: 4956.3 ha | Density: 6.7 changes/ha
■ **Satellite Imagery Available:** Before (Unknown) | After (Unknown)
Note: High-resolution satellite images saved to output/satellite_images/weekly/

Serang Cilegon Industrial
Changes: 32,128 | Area: 11611.5 ha | Density: 2.8 changes/ha
■ **Satellite Imagery Available:** Before (Unknown) | After (Unknown)
Note: High-resolution satellite images saved to output/satellite_images/weekly/

Bogor Puncak Highland
Changes: 30,612 | Area: 3333.4 ha | Density: 9.2 changes/ha
■ **Satellite Imagery Available:** Before (Unknown) | After (Unknown)
Note: High-resolution satellite images saved to output/satellite_images/weekly/

Bandung East Tech Corridor
Changes: 27,411 | Area: 3865.7 ha | Density: 7.1 changes/ha
■ **Satellite Imagery Available:** Before (Unknown) | After (Unknown)
Note: High-resolution satellite images saved to output/satellite_images/weekly/

Solo Raya Expansion
Changes: 25,456 | Area: 2616.1 ha | Density: 9.7 changes/ha
■ **Satellite Imagery Available:** Before (Unknown) | After (Unknown)
Note: High-resolution satellite images saved to output/satellite_images/weekly/

■ CRITICAL ALERTS

Critical Alerts (68):

- Critical: 2306 changes detected in jakarta_north_sprawl
- Critical: 211.2 hectares changed in jakarta_north_sprawl
- Critical: 16140 changes detected in jakarta_south_suburbs
- Critical: 1749.6 hectares changed in jakarta_south_suburbs
- Critical: 3903 changes detected in tangerang_bsd_corridor
- Critical: 347.7 hectares changed in tangerang_bsd_corridor
- Critical: 20402 changes detected in bekasi_industrial_belt
- Critical: 2505.1 hectares changed in bekasi_industrial_belt
- Critical: 15876 changes detected in cikarang_mega_industrial
- Critical: 1902.5 hectares changed in cikarang_mega_industrial