MAJOR SEAPORT CLOSURES
A Prewave Case Study

Indonesia, 2017

Strikes across major seaports
Predicted by Prewave more than 14 days in advance

Setting the scene for the TKBM cooperative to trigger a nationwide strike was the fact that their workers were not included in running costs of operations, and that the Indonesian government announced they would revoke the joint decree underpinning TKBM's management.

Shortly after the first social media messages started appearing at grassroots level, Prewave formulated a strike alert without a date. By analysing further data and using machine learning technology, the **Prewave engine was able to then consolidate and deliver a risk prediction as a strike alert with a definitive date.**

On the 4th December, port workers of TKBM (responsible for loading and unloading of cargo) held a **national strike affecting dozens of seaports across Indonesia.**

BEYOND REALTIME
Improve decision processes in complex supply chains

Timeline of Events

Prewave Reports

16.11.2017
First social media messages start appearing regarding TKBM's dissatisfaction of their workers' rights and the future of their cooperative.
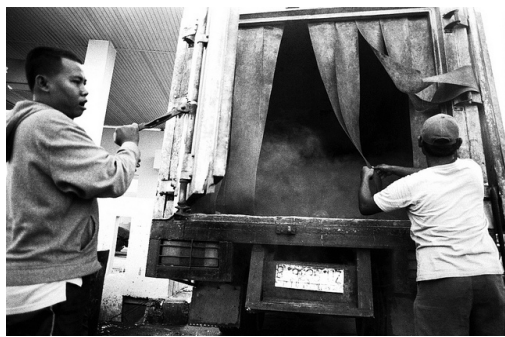
18.11.2017
Headlines are made when local news channels pick up the report and the workers get more exposure for their cause. TKBM officials make a public threat of strike.

PRE SIGNAL DETECTION

17.11.2017
Prewave detects consistent pre-signals in social media and formulate an alert and risk level. TKBM workers and union members come together and threaten to strike without any date or location. Prewave pickup multiple local language tweets with 70,000 workers purporting to be aligned to strike.

PREDICTION OF RISK EVENT

30.11.2017
Prewave delivers a high risk event prediction of mass strike with a date and location.

30.11.2017
Local news once again report the situation as it stands.

4.12.2017
From Tanjung Priok to Gresik to Tanjung Selor, thousands of workers from the TKBM cooperative go on a mass strike.

Mass strikes across 97 seaports

prewave