

DLR Analytics™ provides central banks with the first standardised approach for the creation of banknote fitness standards.

The Global Fitness Standards Project helps you to accurately determine your fitness standards and benchmark your performance

For central banks it is useful to learn from data and from the decisions made by other central banks. The ability to record quantitative data for the circulating quality of banknotes and to understand how features typically wear in circulation has not previously been available on a global scale.

De La Rue, in partnership with PNO Global, has launched the Global Fitness Standards Project to provide central banks with information on their own fitness standards and how standards vary regionally and globally.

Challenges	How DLR Analytics™ helps
Control How do you generate fitness standards? How do you create fitness decks for commercial banks? How do you manage your clean note policy?	Your banknote quality A detailed report quantifying your fitness standards; for use within your central bank or with commercial banks.
Context How can you check your notes are performing within regional norms?	A standardised approach Fitness data collected using a standardised approach allows you to view how your fitness standards compare to regional and global standards.
Flexibility How are features wearing? Does feature wear vary by region?	Data led decisions View how features vary with different banknote fitness levels and circulating environments.
Transparency How do you interpret the quality of banknotes and on what basis do you make decisions?	A full picture of performance Connect your banknote lifetime measurements with the fitness of your circulating banknotes.

How it works

Detailed measurements from your banknotes will be captured by feeding them into a Snowfish® SP system, a single note fitness inspection system that has been specifically designed to help manage the quality of circulating cash.

The Snowfish® SP, invented by Tom Buitelaar and provided by PNO Global, is a fitness deck generator which captures multiple high resolution images and runs complex algorithms to quantify fitness standards.



The Global Fitness Standards project helps you:

- Determine your fitness standard
- Benchmark performance
- Connect banknote lifetime measurements with the fitness of your circulating banknotes

You'll get:

- A detailed report quantifying the fitness standards of your own banknotes
- A view of aggregated and anonymised regional and global standards
- Access to fitness standards from participating central banks who are willing to share their standards
- Insights into feature performance through aggregated and anonymised data



Sample of fit and unfit banknotes provided to DLR Analytics™ team



Measurements carried out on the Snowfish® SP



Your fitness standard report published



Notes returned to the issuing authority



Data aggregated and anonymised



Global fitness standards report published

For more information please contact a member of the team by emailing DLRAnalytics@delarue.com

De La Rue, helping to keep the world's nations, populations and economies secure.

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