Technical Working Party for Agricultural Crops	TWA/51/7
Fifty-First Session	<b>Original:</b> English
Cambridge, United Kingdom, May 23 to 27, 2022	<b>Date:</b> May 5, 2022

#### **BIG DATA PLATFORM FOR DUS EXAMINATION**

Document prepared by an expert from China

Disclaimer: this document does not represent UPOV policies or guidance

The annex to this document contains a copy of a presentation "Big Data Platform for DUS Examination", to be made by an expert from China, at the fifty-first session of the TWA.

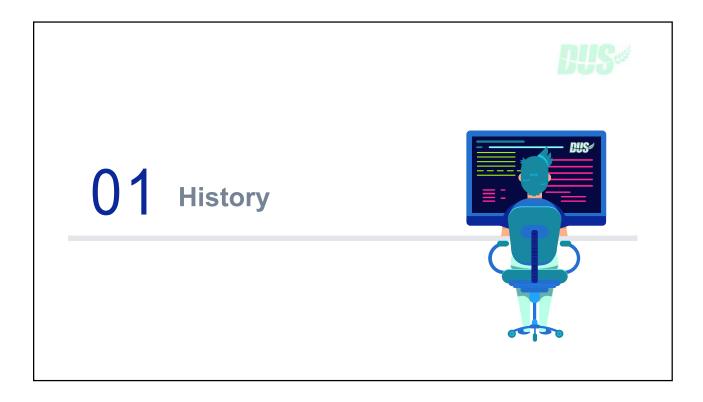
[Annex follows]

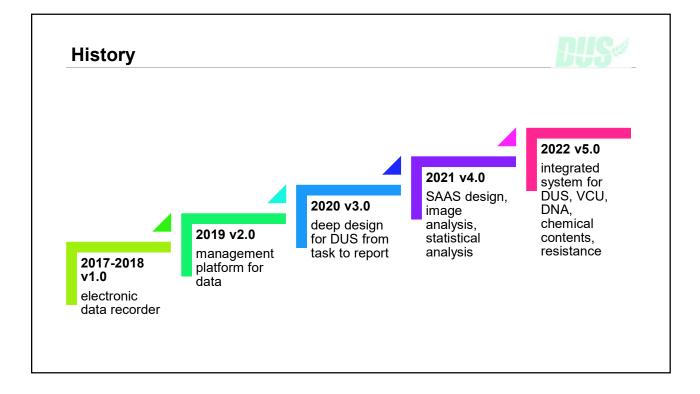
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#### ANNEX



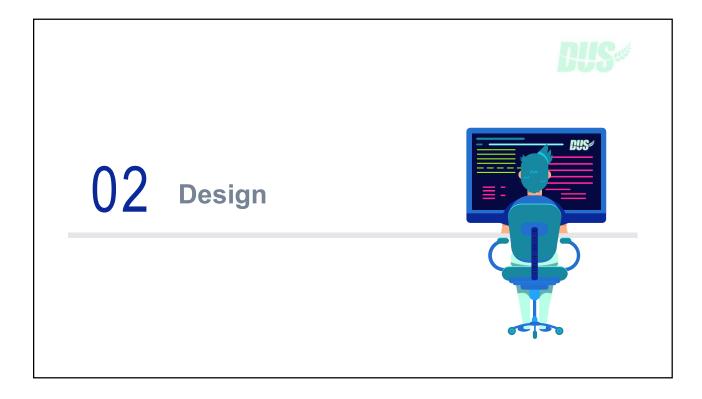
<ul> <li>Contents ➤</li> <li>1. History</li> <li>2. Design</li> <li>3. Demonstration</li> <li>4. Plans</li> </ul>





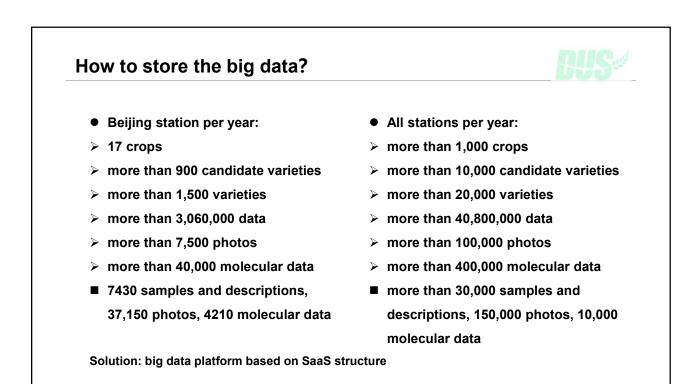
# History

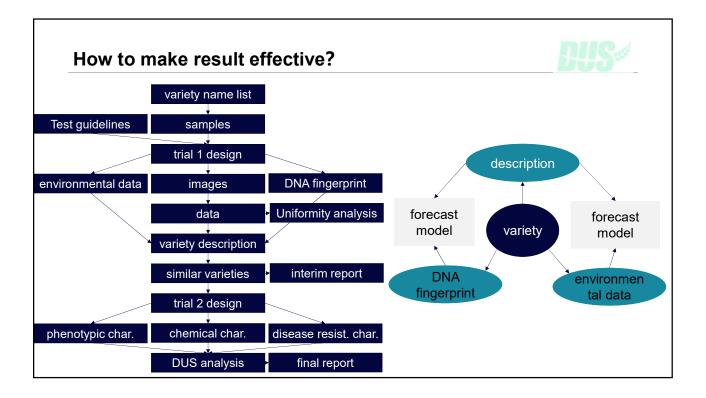
- 1. 2021, report on version 4.0 in TWC39.
- 2. 2022, report on version 5.0 in TWA51.

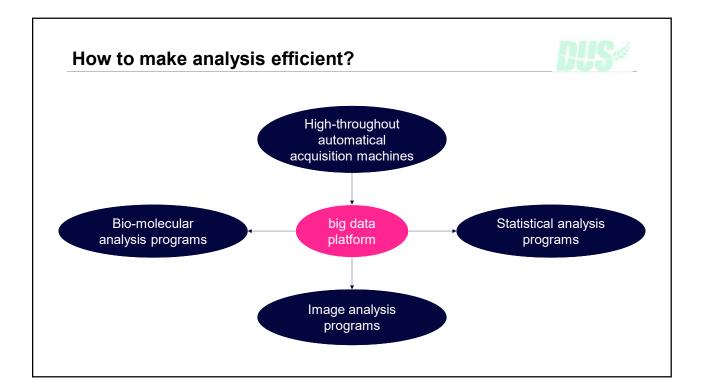




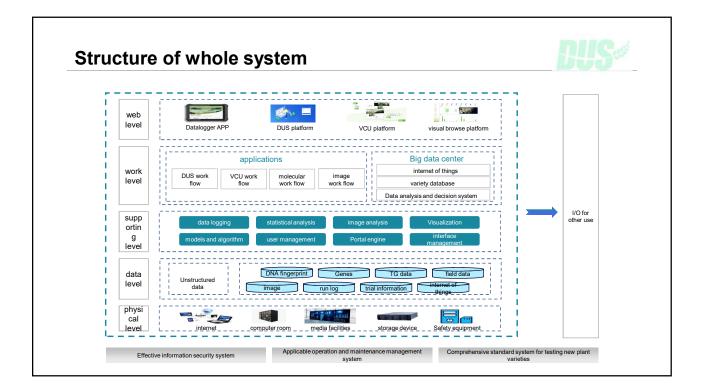
- Field trial have long period, heavy workload, big influence by environment, big observation error between testers, low efficient analysis.
- 2. Molecular distance doesn' t have good relationship with morphological distance.
- Lack of harmonized theory or rule of calculation of minimum distance of D, U, and S which means same data always have different results in different stations or countries.

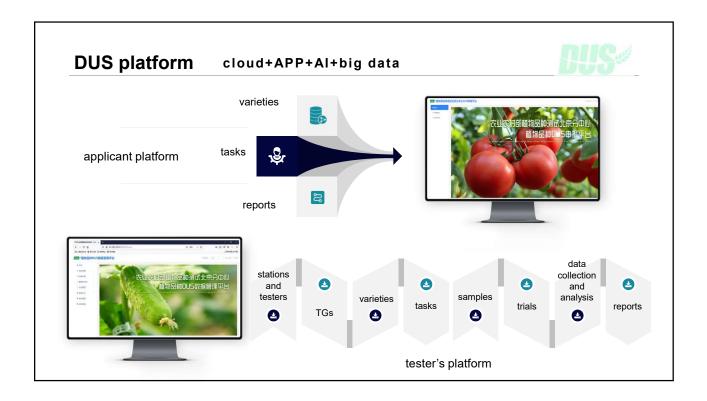


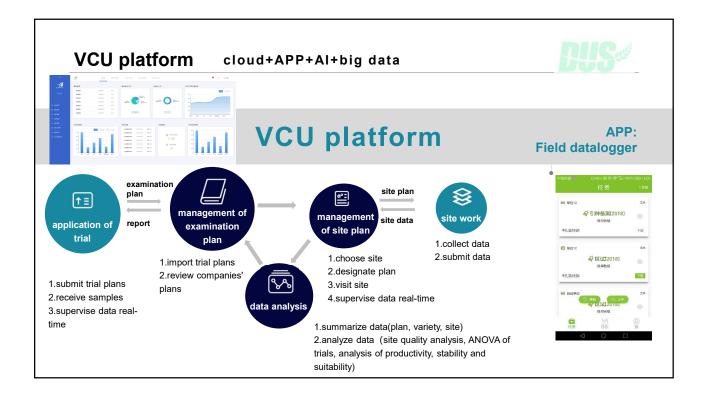


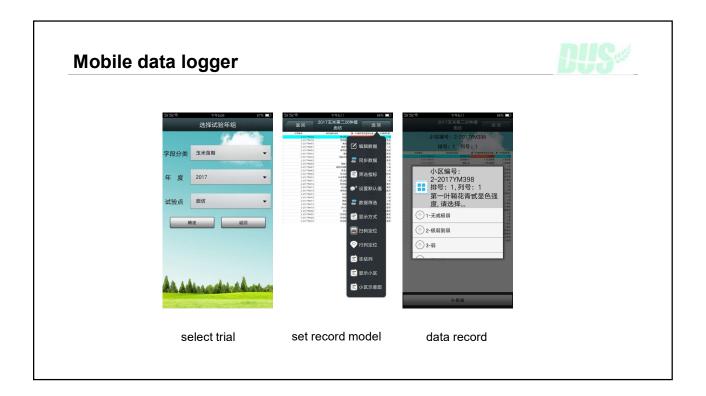


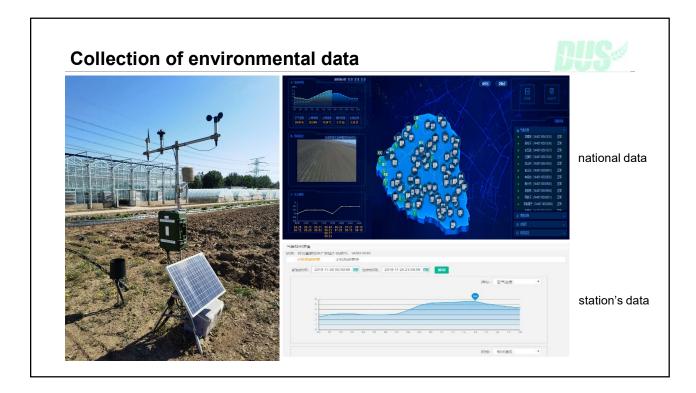














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