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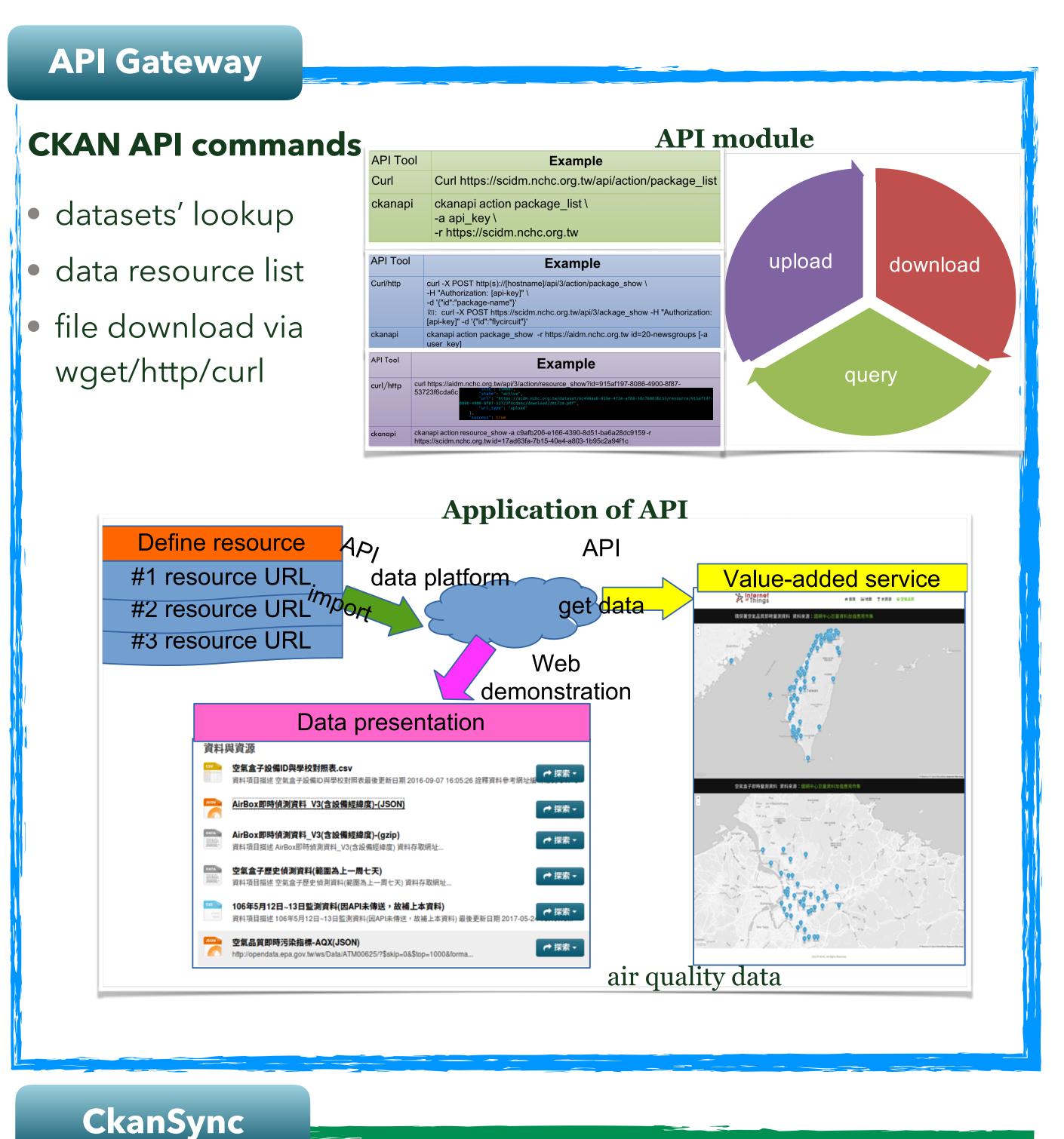
## The Status of Data Marketplace — on its way to the National Data Service Thomas Tsai, Ceasar Sun, Steven Shiau, Yen-Wei Huang, Weicheng Huang\* {thomas, ceasar, steven, ellery, whuang}@nchc.narl.org.tw

NATIONAL CENTER FOR HIGH-PERFORMANCE COMPUTING, NARL, TAIWAN

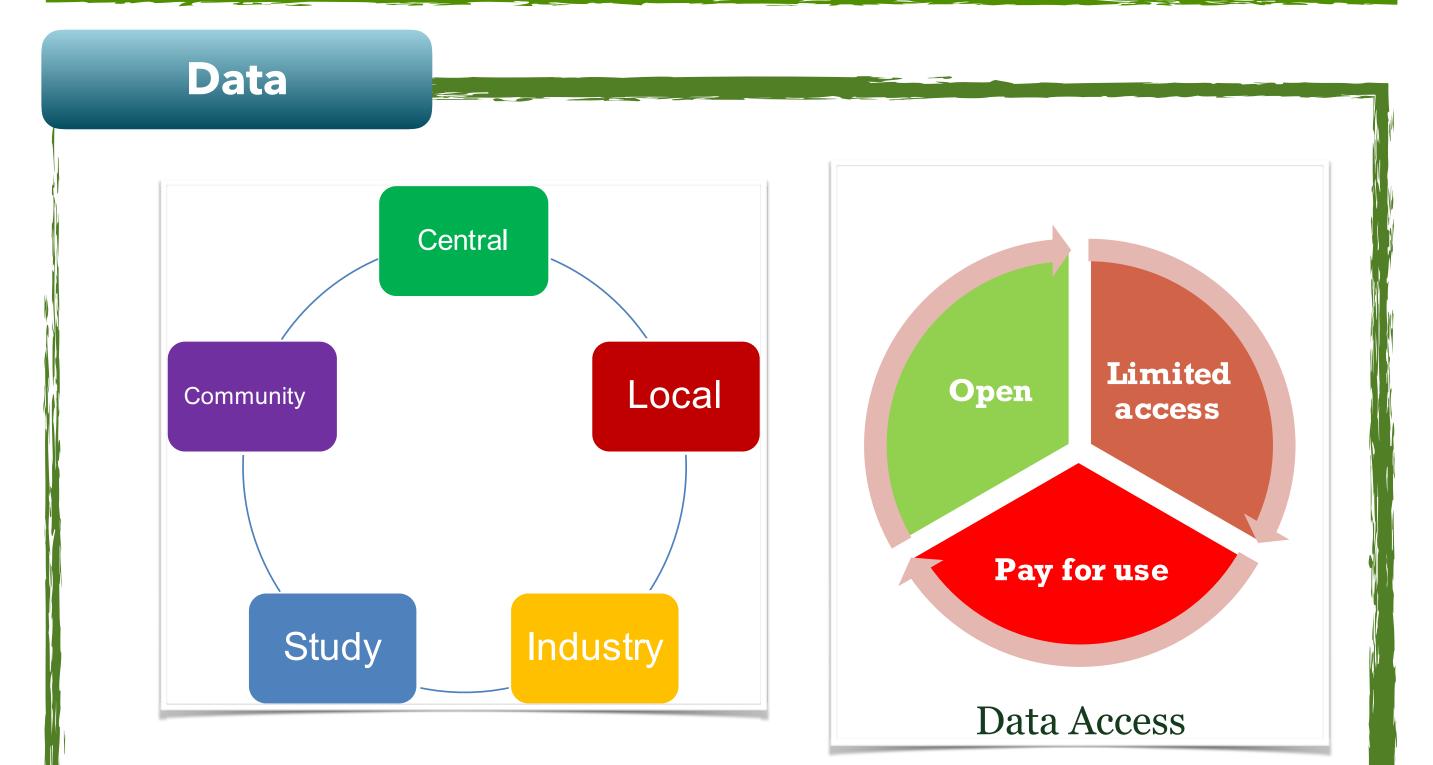
## Abstract

Based on an existing open source project, CKAN[1], a platform, the SCIDM, of the data marketplace is deployed with minimum efforts. To further enhance the user experience, several features such as API and synchronization function, the Ckansync, were developed.

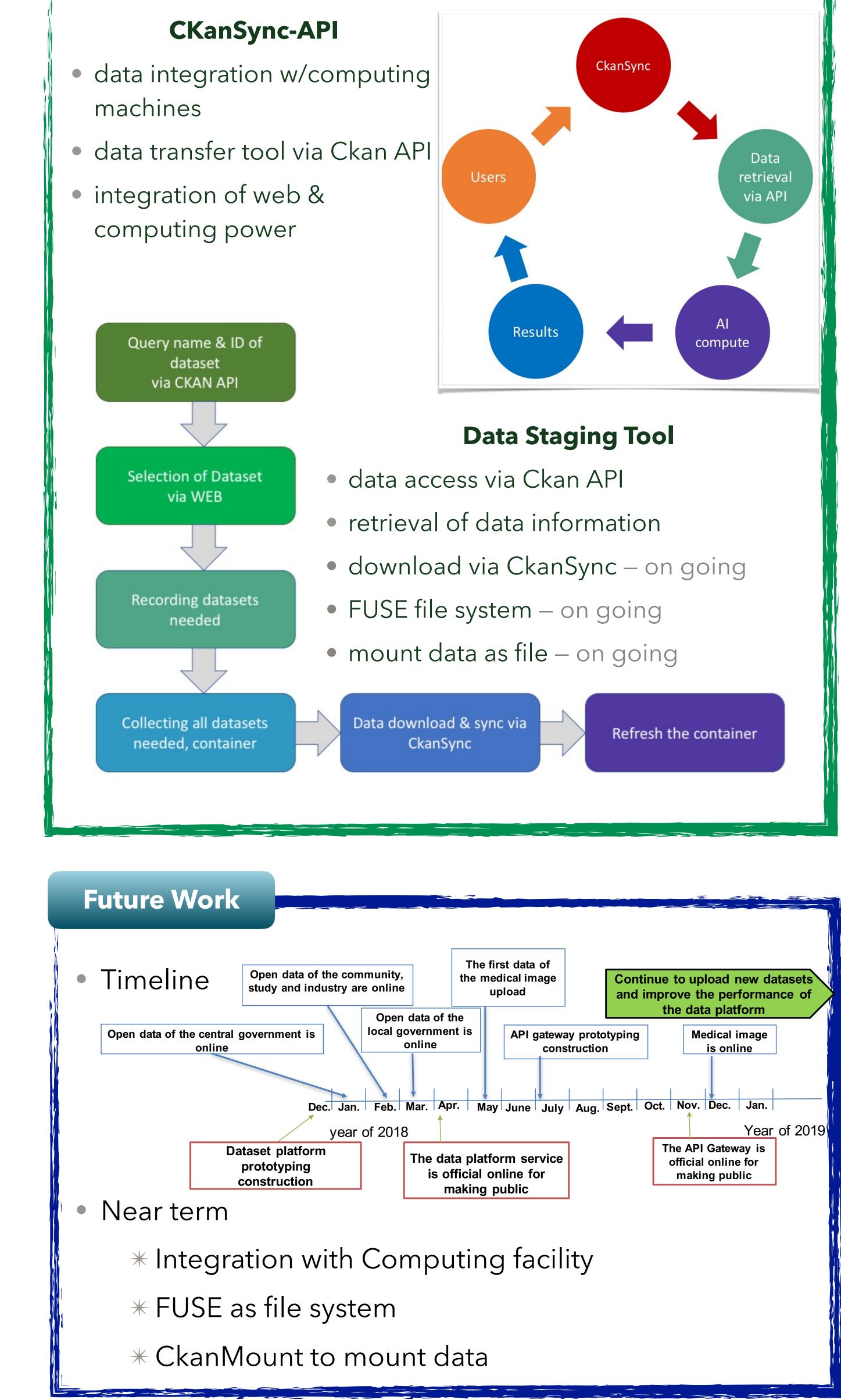
Currently, various data sets are available on the platform, including open data as well as those with limited access control.



The SCIDM is currently under the integrating process with computing resources to provide an one-stop service for data related research to the data research scientists and experts from enterprise alike. In the near term, FUSE[2] will be implemented for Ckansync and provide mount feature to the users thus to provide working scenario that is familiar to the users.



- machines



Datasets' Feature:

- Open : a variety of open data
- Centralized : data are next to the computing facility
- Uniqueness : research data, government data

New Datasets to come:

 medical images, disaster mitigation data, media data, satellite images

