

A world map is displayed in a dark blue silhouette against a light blue background with a white grid pattern. The map shows the continents of North America, South America, Europe, Africa, Asia, and Australia. The title text is overlaid on the right side of the map.

National Audit under the Big Data Environment

May 2017, Seoul, Korea

August 19, 2015

Outline for action on promoting big data

The integration of information technology and economic social leads to the rapid growth of data, data has become a national basic strategic resource

Increasingly influencing

01

Global production

04

Consumption

02

Circulation

05

Mechanism of
economic
operation

03

Distribution

06

Social life

07

National governance

Beijing declaration

The twenty-first session of the world audit organization adopted the "Beijing declaration" calling on the Supreme Audit institutions of all countries to fulfill their duties in national governance and global governance in accordance with the law".

Content



I

Big data has become a new way to enhance the ability of national governance

II

Big data is a new way of national audit serving for national governance

III

The mode of big data audit in Chinese audit

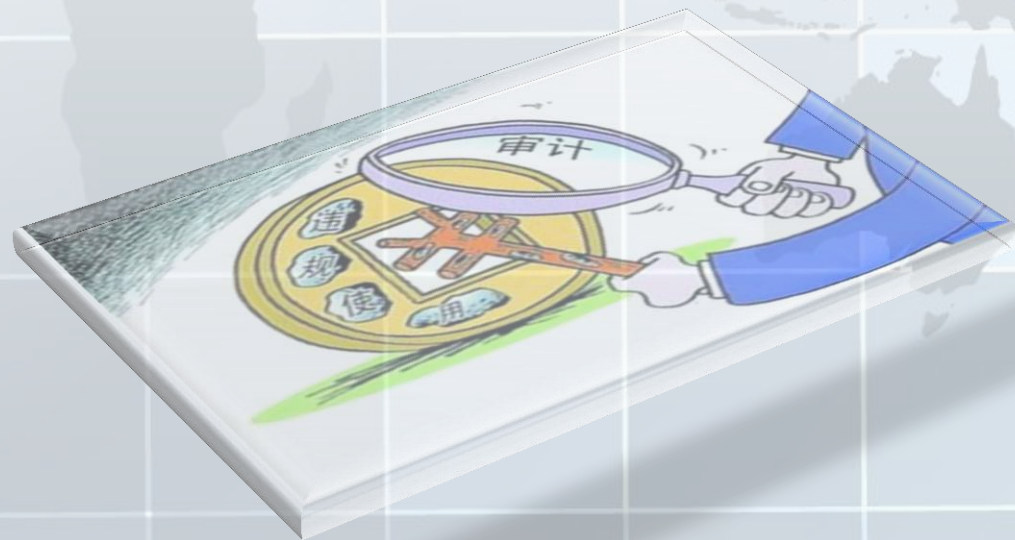
IV

An example of big data audit mode in national audit

V

The “six transformations” of National Audit under the big data environment

National audit is regarded as an important part and a main tool of national governance. It is a creative and practical challenges that how to play the role of supervision and control of national governance under the big data environment, so as to promote the healthy operation and scientific development of the national economic.



I. Big data has become a new way to enhance the ability of national governance

Steady growth

Promoting reform

Adjusting structure

Improving people's livelihood
and promoting national
governance capacity
modernization



01

Make speak with data

02

Make decision through data

**national
governance**

03

**Make data
management**

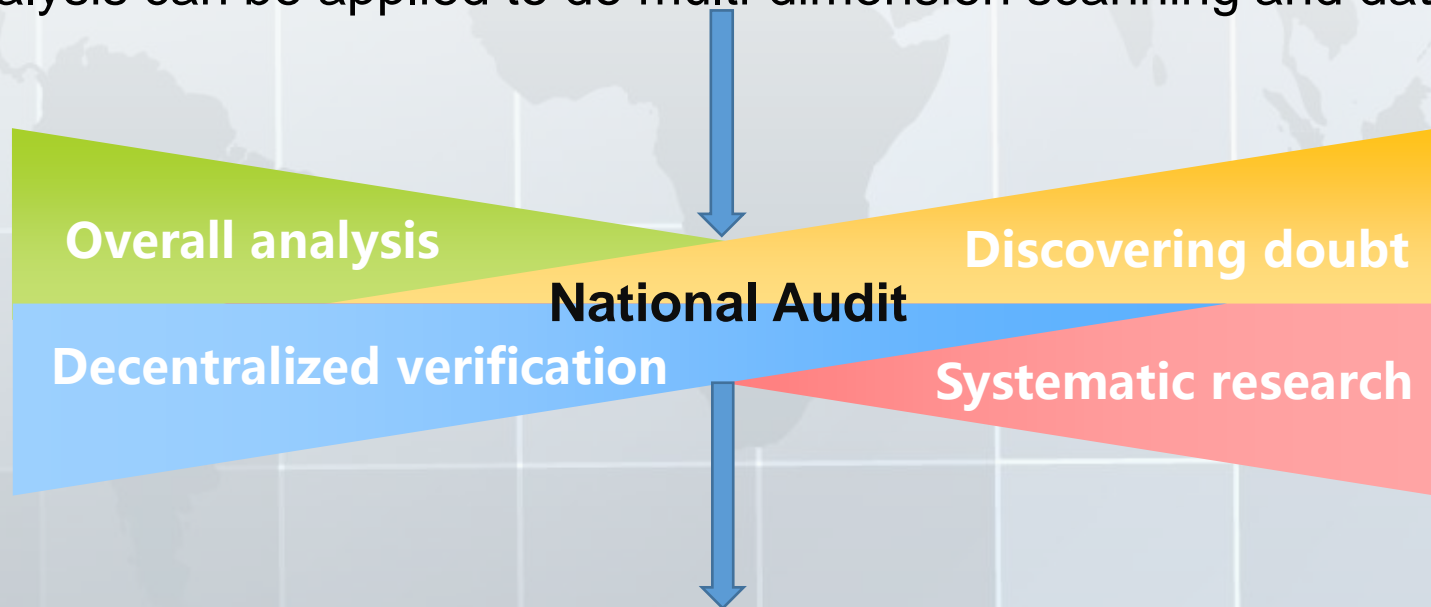
04

Makedata innovation

Enhance the overall ability of data analysis, gradually realize the modernization of national governance capacity.

II. Big data is a new way of national audit serving for national governance

Big data analysis can be applied to do multi-dimension scanning and data mining



In order to play the role of audit and supervision better

III. The mode of big data audit in Chinese audit

01 On the basis of system construction

02 Regard data collection as the core

03 Relying on auditors

04 In the direction of audit analysis

IV. An example of big data audit mode in national

Audit of the land transfer payments and arable land protection
The audit groups innovated the audit mode

The remote sensing image data from the department of land

expands the coverage of audit

The planning data from the planning department

enhances the breadth, accuracy and efficiency of audit

The business data map from the forestry sector

It effectively takes the advantage of concentration
analysis of big data

The tax data

Commercial data

The relevant data from
the agricultural sector and
the development and
reform department

data analysis

V. The “six transformations” of National Audit under the big data environment

Big data audit mode brings profound changes to, National Audit Office of the People's Republic of China. The characteristics of big data application in national audit are shown below.

01

Increased data concentration and integration efforts


02

Strengthen the use of big data technology


03

Enhance the ability of digital audit command


Our audit work is facing comprehensive transformations under the big data environment, which includes six outstanding areas.




Transformation from single point discrete audit to multi-point linked audit




Change from static audit to combination of static and dynamic audit



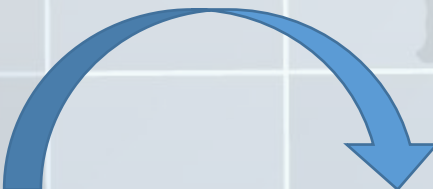
Transition from on-site audit to combination of on-site and off-site audit



Transition from partial audit to full-coverage audit



Change from post-audit to combination of post-audit and concurrent audit



Transformation from micro audit to combining micro audit with macro audit

A light gray world map is centered in the background, overlaid with a white grid. The map shows the continents of North America, South America, Europe, Africa, Asia, and Australia. The grid consists of vertical and horizontal lines that divide the map into rectangular sections.

CNAO

Thank You