



財政部

Ministry of Finance

—We have a dream—

e-Invoice

(Fa-Piao, 發票)

1,988,320,023

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Agenda



A history of invoice



How to create a “multi-win”



Building up e-invoice



The status of e-invoice



The vision of e-invoice



A history of invoice

The beginning of invoice

- The invoice policy started in 1950
 - To increase the tax revenue of business tax: The amounts of Business Tax increased 75% in the first year
 - No invoice, no effective monitoring and auditing
 - Today the tax return is 245.8 billion each year (refund is 285.1 billion)
- How to increase the monitoring and auditing.
 - Create incentives for consumers: lottery-like program (invoice prize)
 - Cross check between the data from sellers and buyers
 - Use the skill of Business Intelligence and Data mining

The disadvantages of paper invoice

● Wasting paper

- About 8 billion paper invoices are issued per year = 80,000 trees = 3,200 tons CO₂ emission
- Transport , storage space, data transfer cost

● Hindering e-business

- Online business
- ERP (enterprise resource process)

● Wasting time with consumers

- Collecting, storing and checking invoice-prize every two months
- Domestic accounting

The differences between paper and e-invoice



So stop asking WHAT WHAT & WHAT
Now try WHY & HOW

“Happy Endings”

Margaret Atwood (Canadian writer)



How to create a “multi-win”

Interest groups in the paper age

- **Small or medium enterprises**

- Proves of purchasing
- Proves of reimbursement

- **Consumers' habit**

- Paper-rely
- To see is to believe

- **welfare organizations' income**

- Invoice donating: easier than money
- 500 million income from invoice (1.5 NTD each)

- **Business of the paper-making factories**

- Invoice creates ≥ 800 million business each year

- **Tax administrations**

- Still requiring papers from enterprises

Interest groups in the e-invoice age

- **Small or medium enterprises**

- E-model constructing
- Process reengineering: each e-invoice reduce 3-4 NTD cost

- **Consumers' habit**

- Governments check and transfer prizes into consumer-assigned accounts
- Health, wealth management online

- **Welfare organizations' income**

- Multiple ways of donation (more than boxes)
- Checking cost (0.3-0.4NTD) is gone

- **Business of the paper-making factories**

- Upgrading business models (POS、RFID)

- **Tax administrations**

- E-examination to improve efficiency and effectiveness



Building up e-invoice

1. Start with needs :

- Meeting the needs of interest groups

2. Do Less :

■ Enterprises do

- Value-adding centers (middle sites)
- Upgrading business models (POS、RFID – eCARD)

■ Governments do

- Build up an e-invoice cloud (central site)
- Information storage (legal attest) and security

3. Design with data

- Respect consumer habits : paper, KIOSK
- Use existing carriers
- Start from the enterprises who issue most invoices

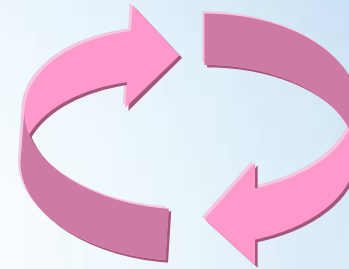
4. Do the hard work to make it simple

- SOP (Standard of procedures)
- User-friendly interface (step by step)
- Model standardization

5. Iterate. Then iterate again.

● Trial and error

- Finding the right process
- Modifying regulations.
- Creating a friendly system



6. Build for inclusion

- In short, simplification

7. Understand context

- Steps 1,3

8. Build digital services, not websites

- More than online services: kiosk, telephone, 2D-barcode
- API building

9. Be consistent, not uniform

- Embrace diversity, but not one form
- Consistent process for any media

10. Make things open: it makes things better

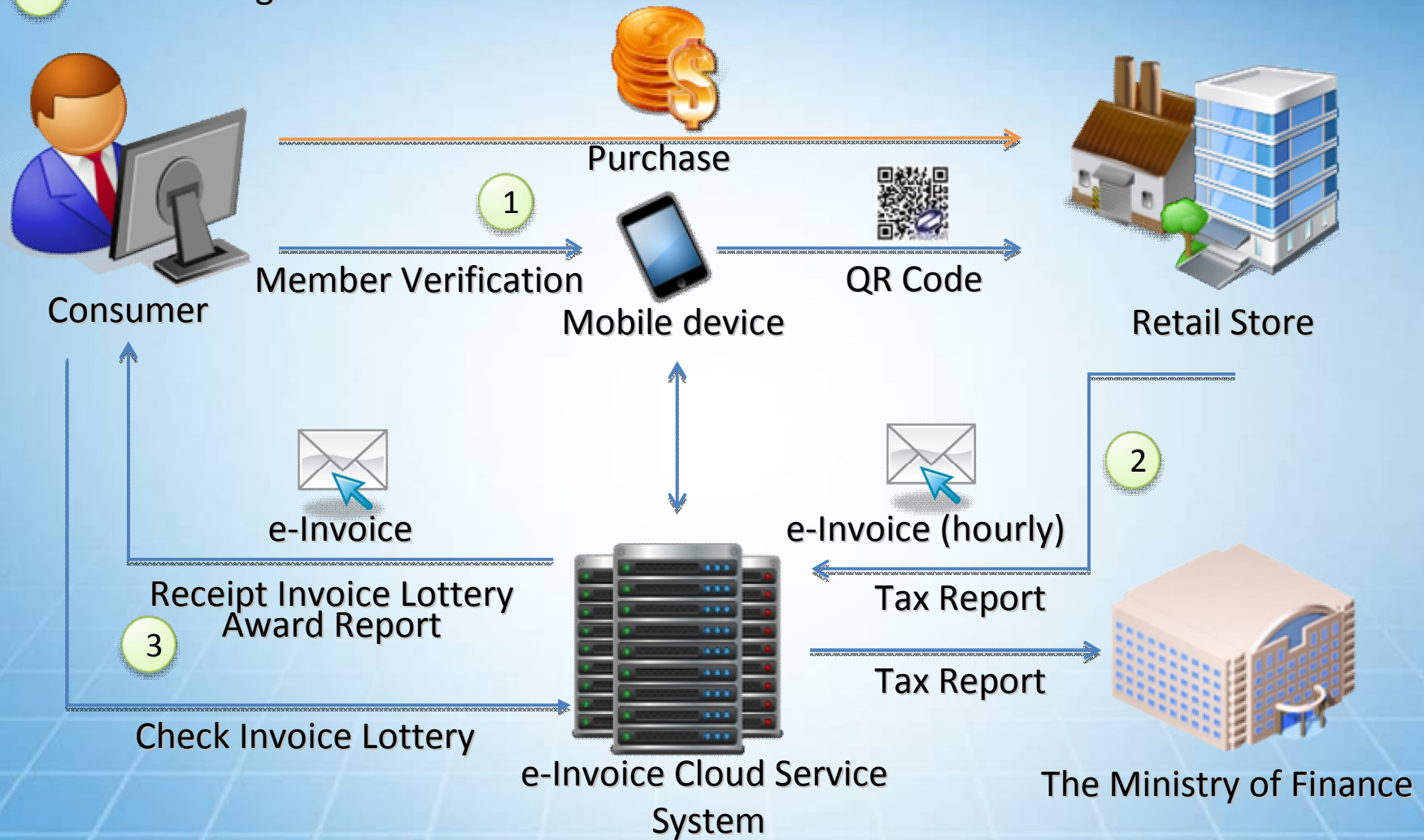
- Before implementation: public hearing
- After implementation: open information



The status of e-invoice

B2C e-invoice process

0 Member Registration



Available carrier types

- Carrier: a key to link e-invoice information in the cloud
- card-as-an-e-invoice-carrier
 - Membership card, easy card, Credit card and etc.
- phone-number-as-an-e-invoice-carrier
 - Can use in every e-invoice issuing business



- Charity-code-carrier
 - social welfare group can apply for a 3-7 digital code for e-invoice donation(e.g. 999、 888、 25885)
 - Consumer can use charity-code-carrier to donate e-invoice when purchasing



2012 E-Invoice Program Objectives

- **To accomplish the goal of paperless**

- To carry out the goal of 40% usage on e-Invoice (so far in 2012, we have about 2.2 billion of e-invoice)

- **To enhance business competitiveness**

- DNA

- **To simplify public processes in collecting, storing and prize-claiming**

- On-time information transferring - on time lottery

Current result of e-invoice

(data range : 2012.01.01 ~2012.10.14)

Type	# of business	# of e-invoice(unit : million)
B2B	34,082	22
B2C (traditional)	11,039	1,807
B2C (on-line)	137	99



The vision of e-invoice

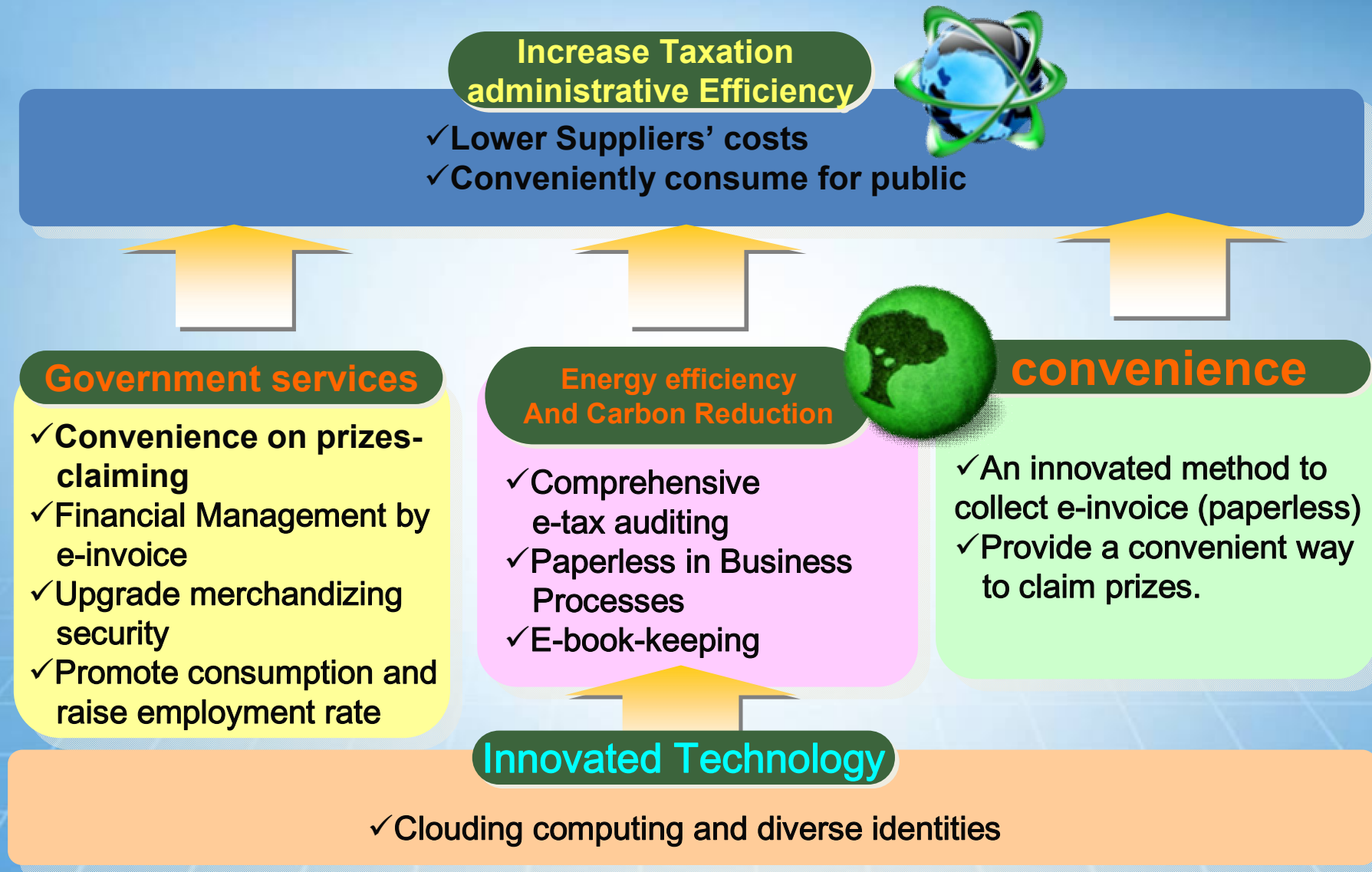
Governments gather information (drops) to the cloud, **but how about those who are under the cloud?**

Cloud service/computing should be a shower – nourishing common peoples

DNA for e-invoice cloud service



The vision of e-invoice



The e-invoice Apps



A smart card with visible information



mobile POS (donating mobiles)





Thank you for your attention

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