

# ISO Standards on Packaging and the Environment

Xu Ting

Twinned Secretary of ISO/TC122/SC4

May 25, 2011, Montreal



# Main Points

- Background
- Work of ISO/TC122/SC4
- Procedure for Creating International Standards
- Impacts on China's Packaging Industry



# Why ISO Standards?

- EU – CEN Standards
- Asia- Asian Guidelines
- Global - ISO



# ISO/TC 122/SC 4 : Background

- **Start of Project** : September 2009

ISO agrees to the formation of ISO/TC 122/SC4

- **Secretariat**

SIS & SAC (CEPI) -- Twinning Arrangement

**SIS** -- Swedish Standards Institute

**SAC** -- Standardization Administration of China

**CEPI** -- China National Export Commodities Packaging  
Research Institute



# Scope

“Packaging and Environment” will strive to develop ISO-standards to harmonize environmental aspects on packaging that:

- Reduce the environmental impact of packaging
- Minimize the risk of technical barriers to trade
- Do not conflict with existing standards



# Draft Standards

- **ISO/CD 18601**
  - Packaging and the environment - General requirements for the use of ISO standards in the field of packaging and the environment
  - Project Leader: USA
- **ISO/CD 18602**
  - Packaging and the environment - Optimization of the packaging system
  - Project Leader: USA
- **ISO/CD 18603**
  - Packaging and the environment - Reuse
  - Project Leader: Korea



# Draft Standards

- **ISO/CD 18604**
  - Packaging and the environment - Material recycling
  - Project Leader: USA
- **ISO/CD 18605**
  - Packaging and the environment - Energy recovery
  - Project Leader: Korea
- **ISO/CD 18606**
  - Packaging and the environment - Organic recycling
  - Project Leader: Belgium and Japan

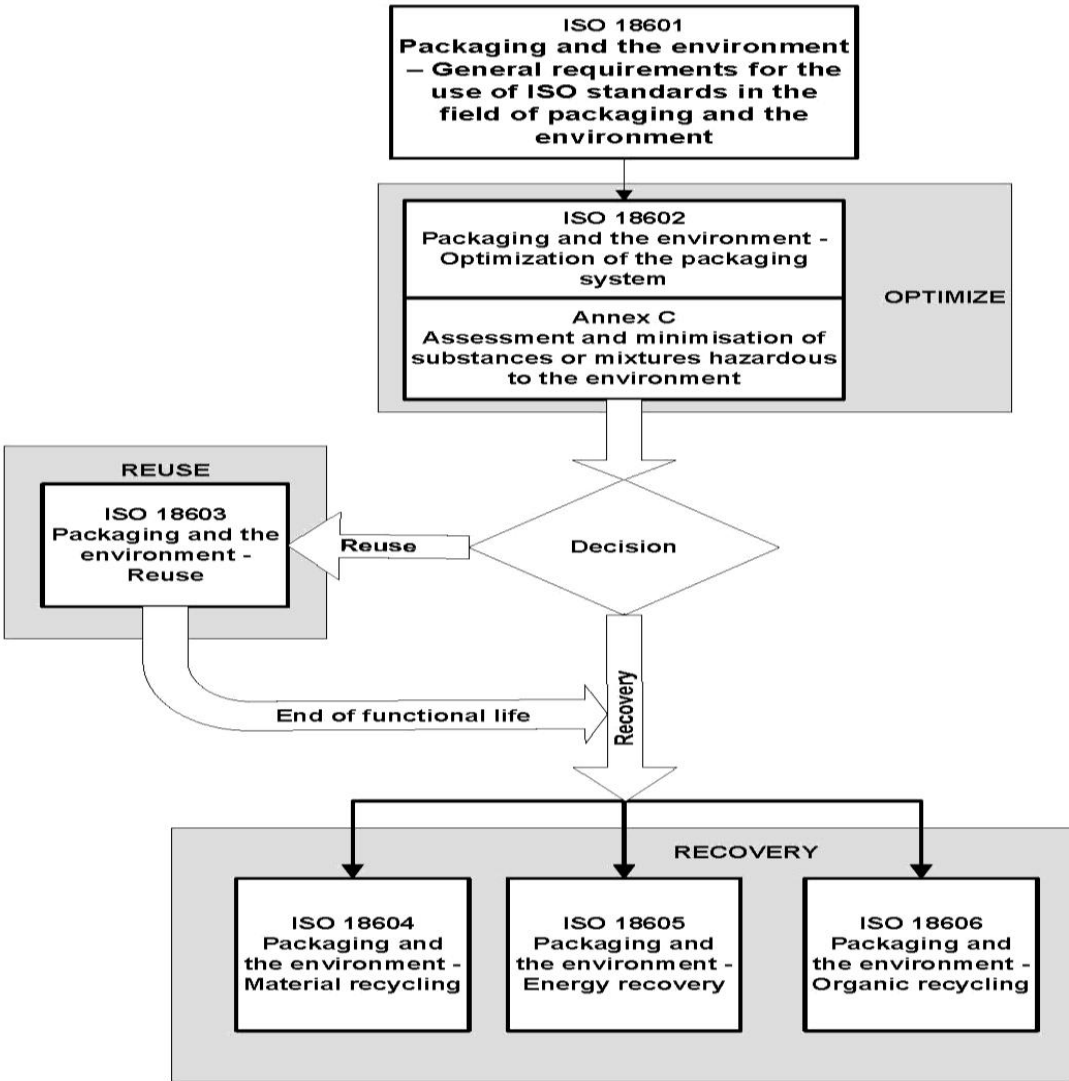


# Technical Reports

- **ISO/TR 16218**
  - Packaging and the environment - Chemical recovery
  - Project Leader: Japan
- **ISO/TR 17098**
  - Packaging material recycling - Report on substances and materials which may impede recycling
  - Project Leader: USA and Sweden



# Relationship of The Standards



# Working Groups

Nr	Title of WG	Convenor
WG1	Requirements for the use of ISO Standards in the field of packaging and packaging waste	China
WG2	Packaging optimization	Netherlands
WG3	Reuse	China
WG4	Recycling	Japan
WG5	Energy recovery	Korea
WG6	Chemical recovery	Korea
WG7	Organic recovery	US



## Members (20P+5O)

- Sweden
- China
- Argentina
- Belgium
- Denmark
- Finland
- France
- Germany
- India
- Italy
- Japan
- Jordan
- Kenya
- Korea, Republic of
- Netherlands
- Spain
- Switzerland
- Thailand
- United Kingdom
- US
- Austria (Observer)
- Malaysia (Observer)
- Sri Lanka (Observer)
- Serbia (Observer)
- New Zealand (Observer)



# Meetings

- 2009 – 12 Stockholm, Sweden
- 2010 – 06 Beijing, China
- 2010 – 10 Tokyo, Japan
- 2011 – 05 Atlanta, U.S.A
- *2012 – 05 Seoul, South Korea*

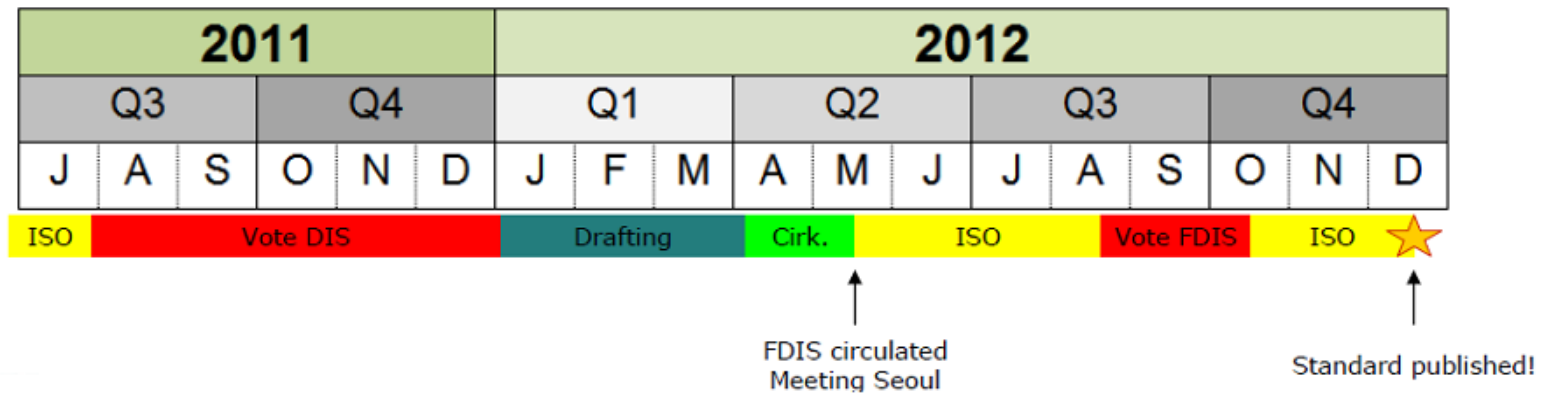
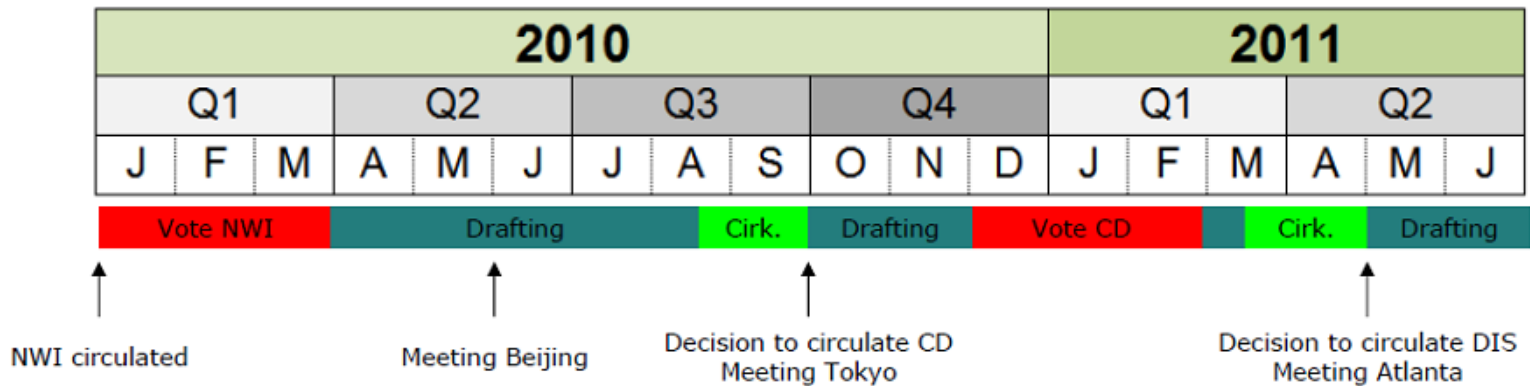


# Creating a standard

1. An idea, a suggestion
2. Voting on idea (NWI)
3. A project begins
4. Proposal is drafted (CD)
5. Comments
6. Technical enquiry (DIS)
7. Comments
8. Voting (FDIS)
9. Approval
10. Publishing



# Timeline for the work



# Impacts to China's Packaging industry

- Enterprises' concern
- Government's support
- Society



# Contact the secretariat

- Anders Linde: Chairman of ISO/TC 122/SC 4  
-- [anders.linde@alixion.com](mailto:anders.linde@alixion.com)
- Stina Wallström: Secretary of ISO/TC 122/SC 4  
-- [stina.wallstrom@sis.se](mailto:stina.wallstrom@sis.se)
- Xu Ting, Twinned secretary of ISO/TC 122/SC 4  
-- [iso-wd@cepi-china.com](mailto:iso-wd@cepi-china.com)



# Thank you!

