



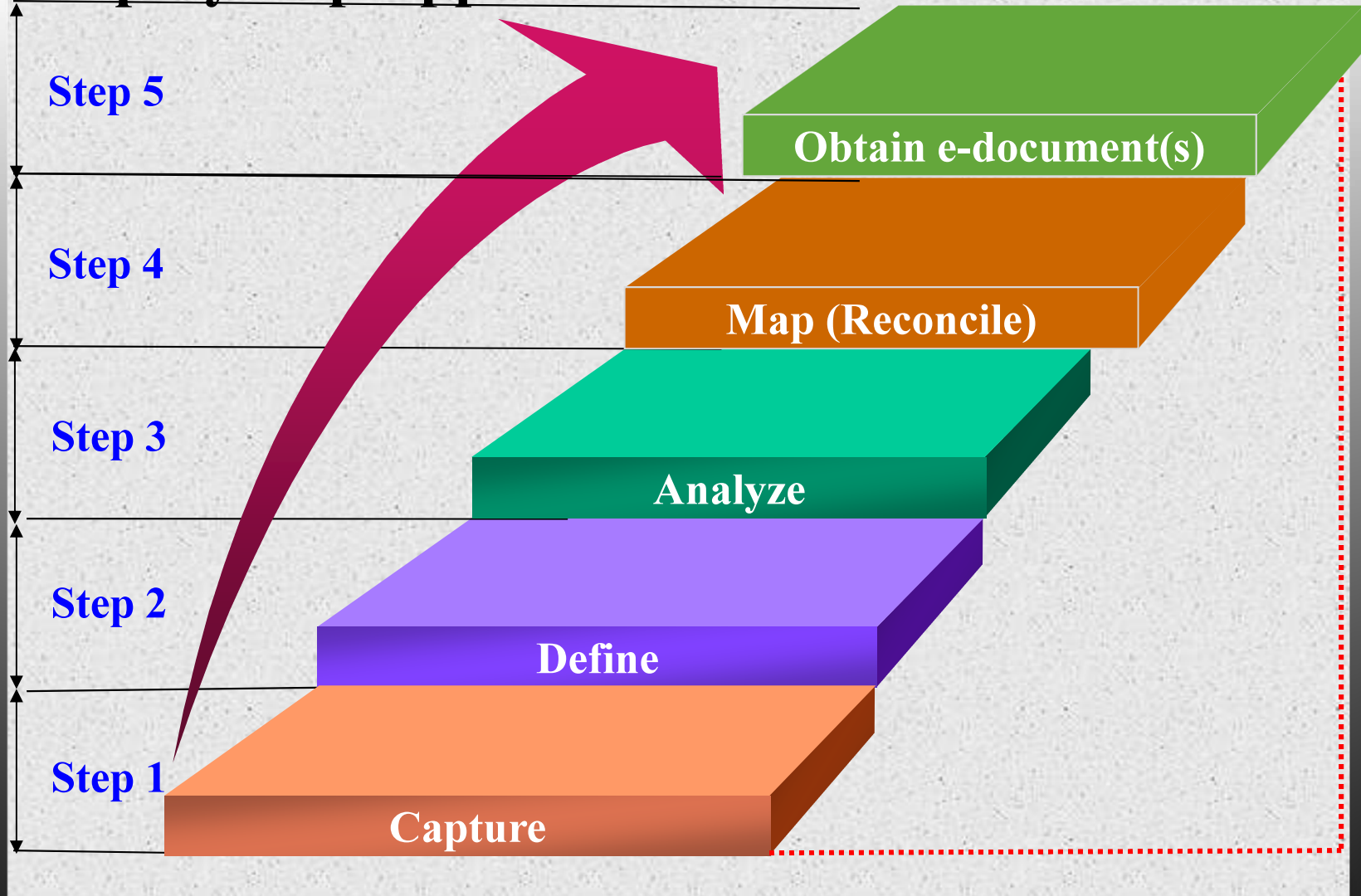
Step-by-Step Approach to Data Harmonization and Modeling

16 October 2013

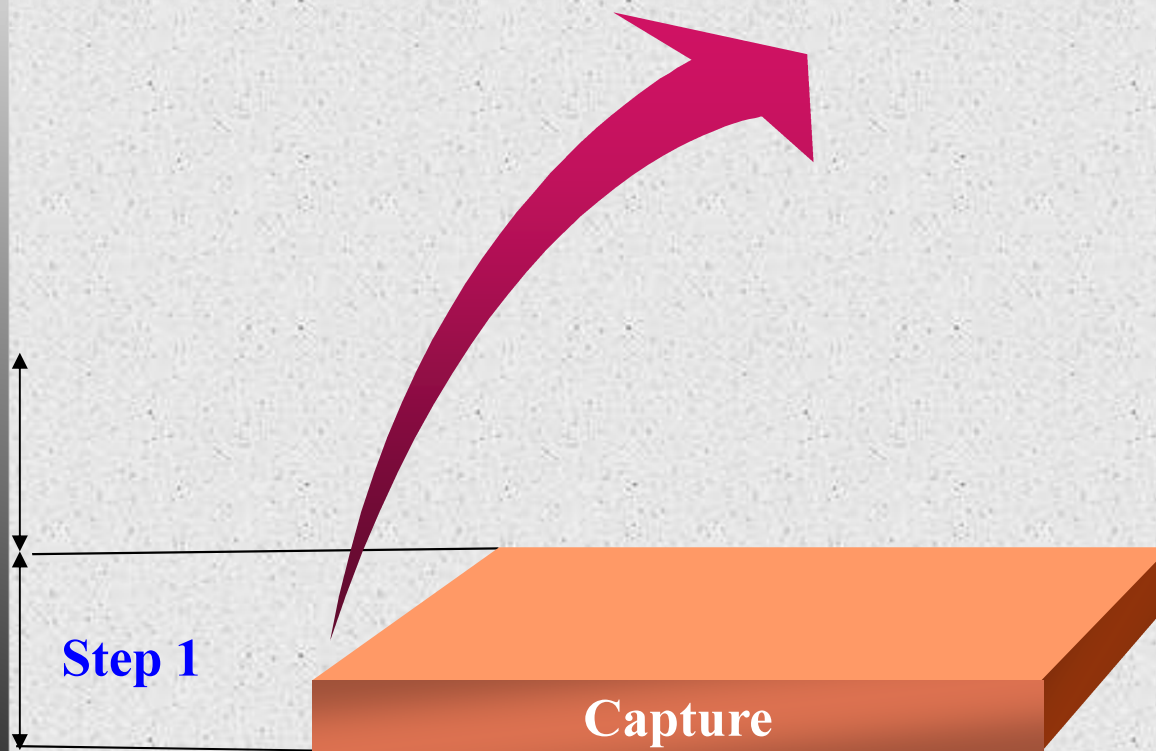
**Customs Border Control Training Center
Cheon-an, Republic of Korea**

Sangwon Lim
Trade and Investment Division
United Nations ESCAP

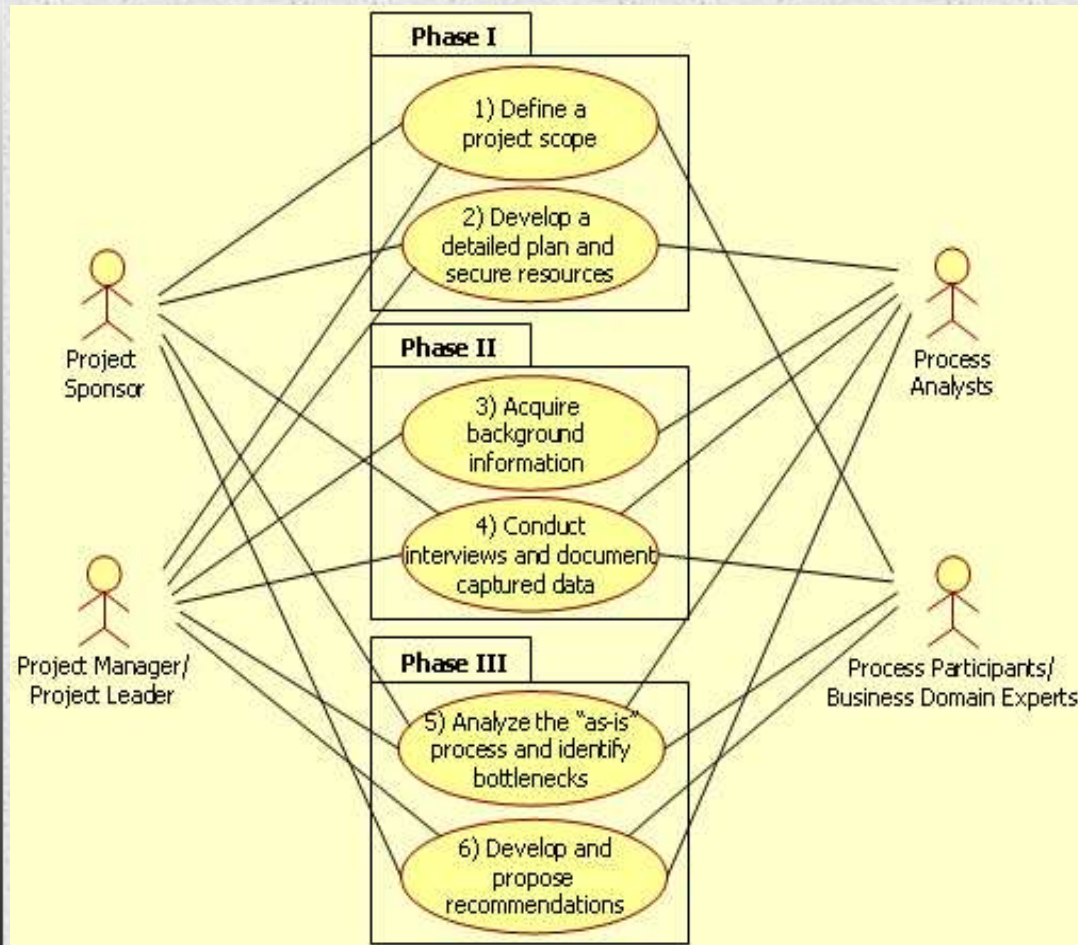
Step-by-step Approach



Capture business processes and identify documents and basic data requirements



Major Phases of Business Process Analysis

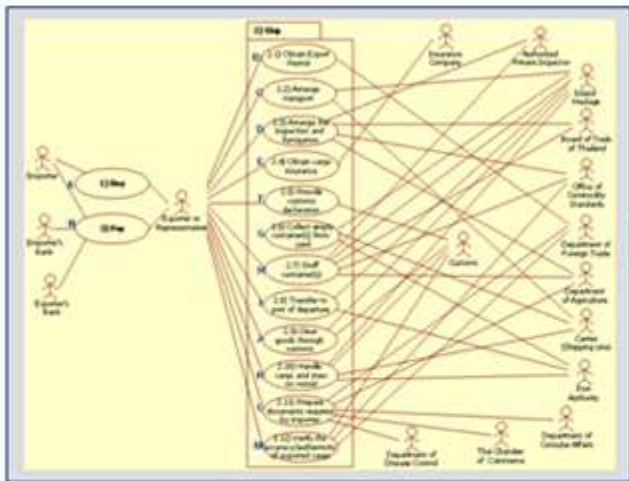


Phase I: **Scope setting**

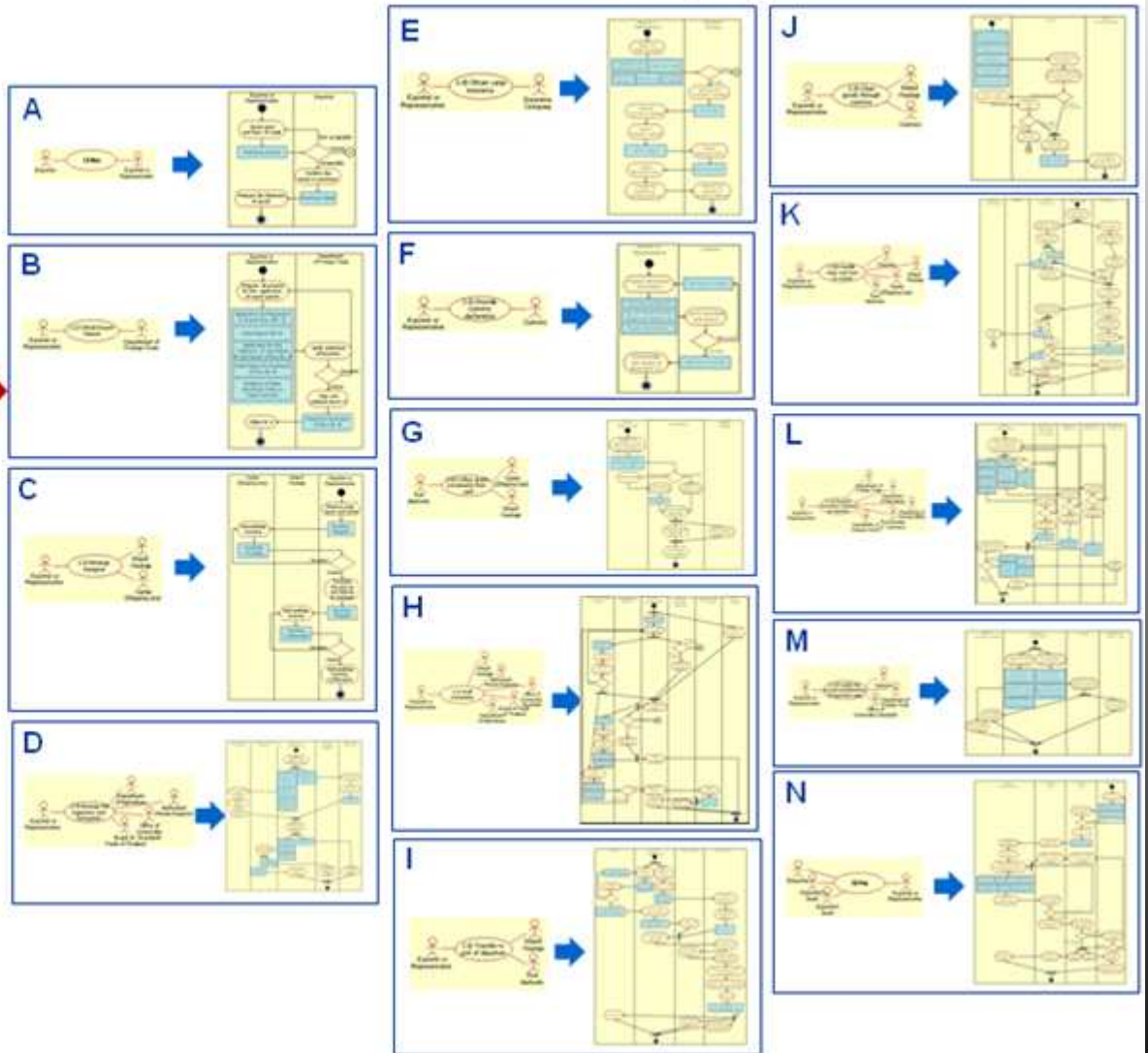
Phase II: **Data collection & process documentation**

Phase III: **Process analysis & recommendations development**

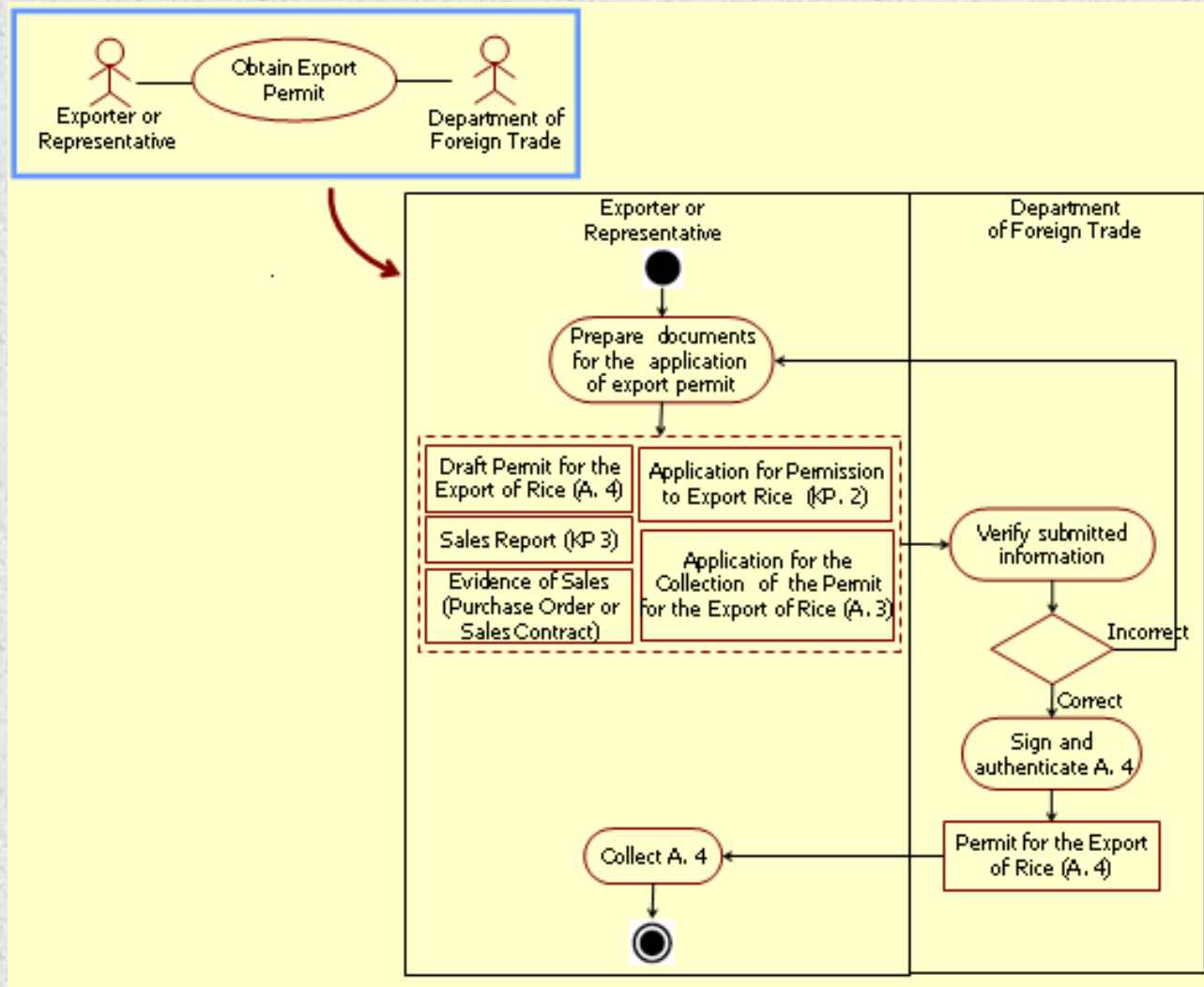
Use Case Diagram



Activity Diagram



Use Case to Activity Diagram



Output: Collection of Documents, Forms and Messages

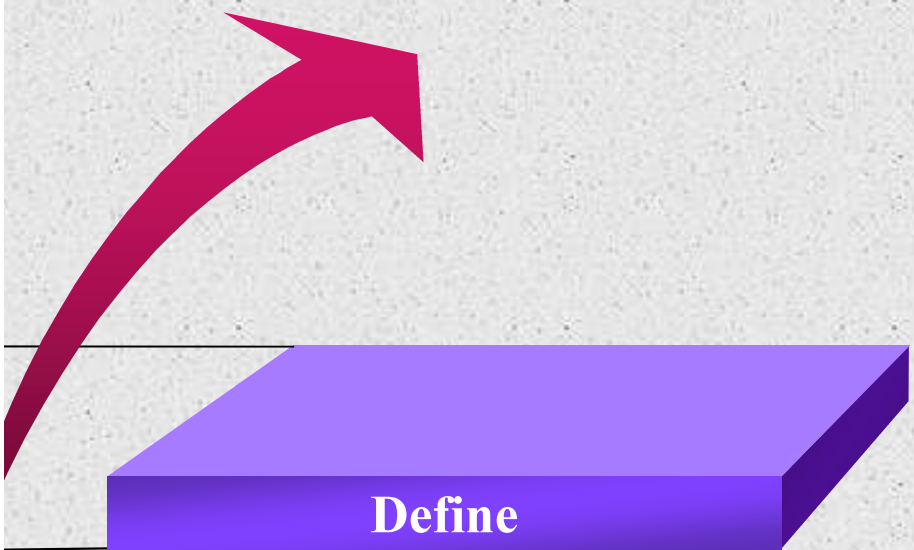
Sample List of Documents and Forms Captured from Activity Diagrams

1. Proforma Invoice
2. Purchase Order
3. Application for Permission to Export Rice (KP, 2)
4. Sales Report (KP 3)
5. Application for the Collection of the Permit for the Export of Rice (A, 3)
6. Permit for the Export of Rice (A, 4)
7. Application for Certificate of Standards of Product (MS, 13)
8. Rice Quality Certificate
9. Certificate of Standards of Products (MS, 24)
10. Application for Phytosanitary Certificate (PQ, 9)
11. Booking Request Form – Border Crossing
12. Booking Confirmation – Border Crossing
13. Booking Request Form – Inland Transport
14. Booking Confirmation – Inland Transport
15. Cargo Insurance Application Form
16. Commercial Invoice
17. Letter of Credit
18. Packing List
19. Cover Note
20. Bill of Lading
21. Insurance Policy
22. Export Declaration
23. Good Transition Control List
24. TKT 308.2
25. Equipment Interchange Report (EIR)
26. Container Loading List
27. Container List Message
28. Outward Container List
29. Manifest
30. Phytosanitary Certificate
31. Certificate of Origin
32. Application for Certificate of Origin
33. Application for Letter of Credit
34. Credit Advice
35. Debit Advice
36. Remittance Advice

This form is a detailed document with multiple sections, including a header with a red circular stamp, several tables for data entry, and various checkboxes and text fields. It appears to be an official form used in the export process, possibly related to the 'Export Declaration' (item 22) or 'Application for Permission to Export Rice' (item 3).

This form features a prominent grid structure with several columns and rows. It includes various checkboxes and text fields, and is likely a 'Phytosanitary Certificate' (item 30) or a similar document used in agricultural exports.

in each document and **define** the meaning of the data and the data formats (syntax)



预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_6598

