Technical Challenges Faced by SCI in Integrating Base Register

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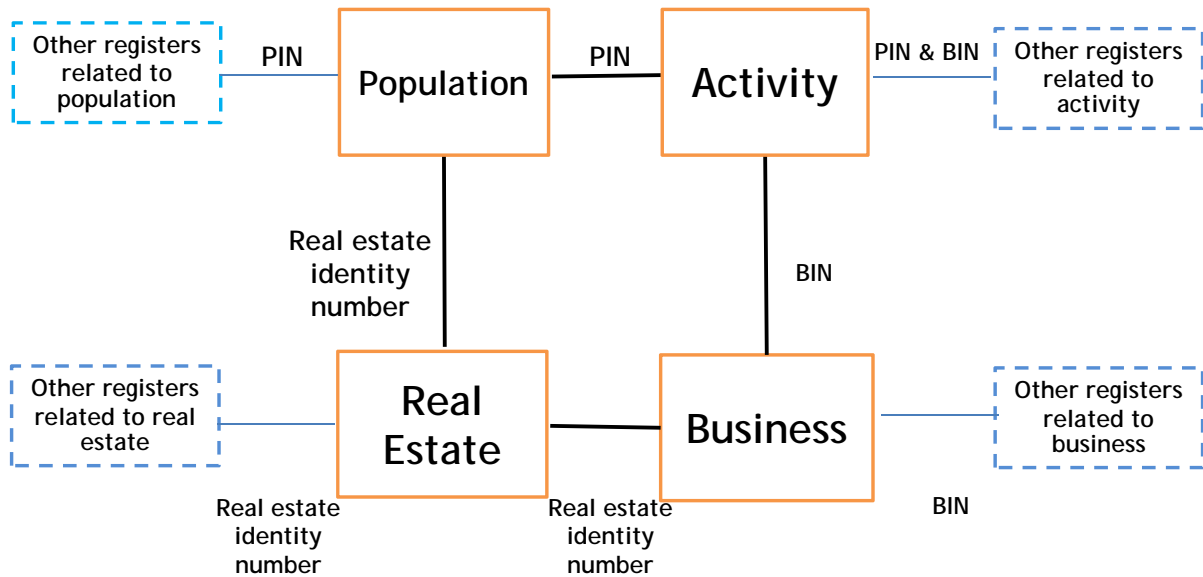**Statistical Center of Iran & Statistical Research and Training Center**

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IRANSTARS

| Other registers related to population | —PIN— | **Population** | —PIN— | **Activity** | —PIN & BIN— | Other registers related to activity |

Real estate identity number

BIN

| Other registers related to real estate | | **Real Estate** | | **Business** | | Other registers related to business |

Real estate identity number

Real estate identity number

BIN

PIN: Personal Identity Number
BIN: Business Identity Number
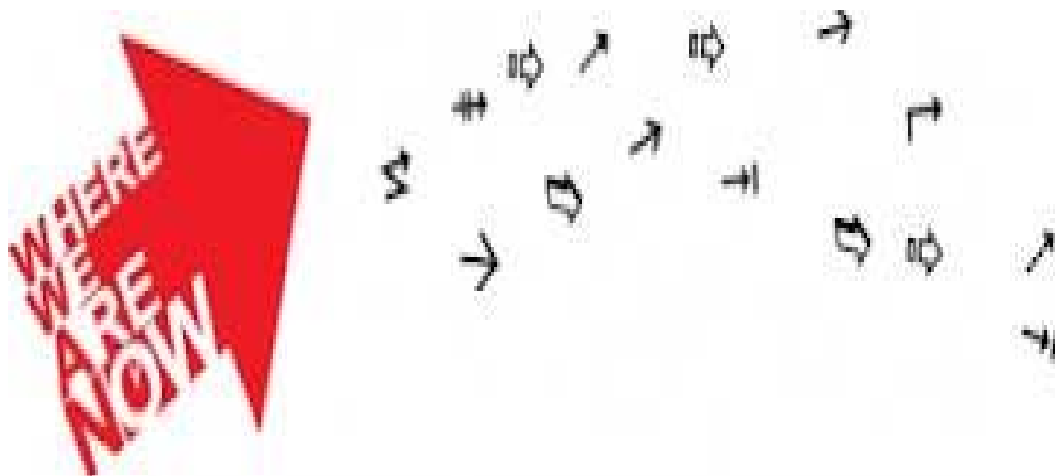
Don't forget, we don't have these four base registers now.

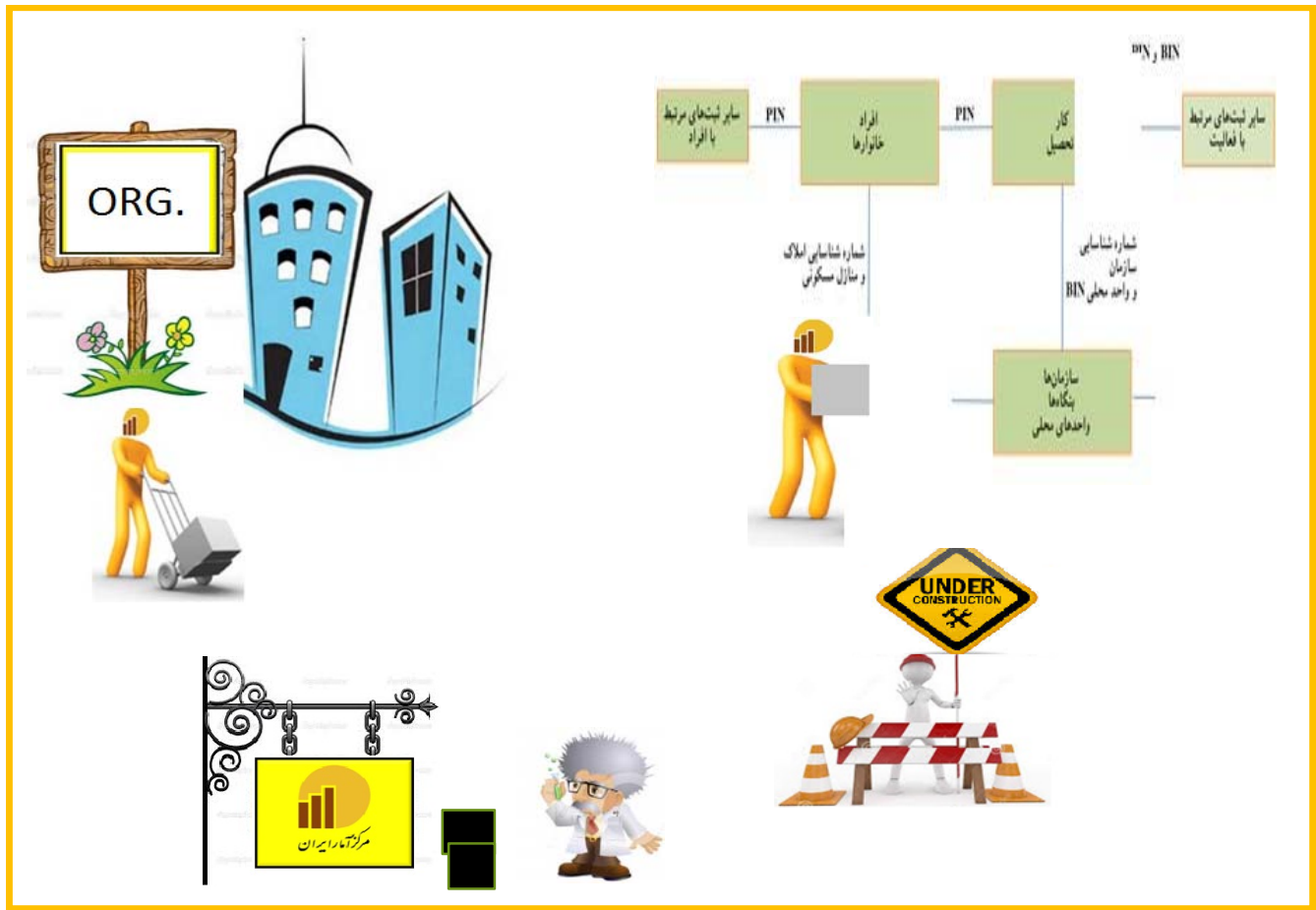pray for us (if you like!!!) to build them as soon as possible

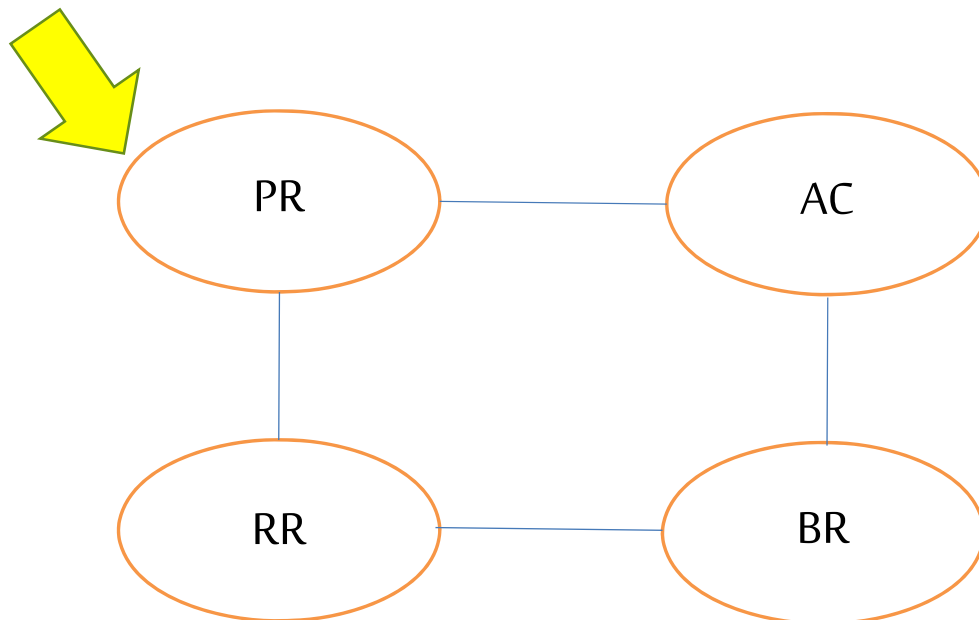# But we know some of potential technical challenges in Integration

WARNING

CHALLENGES AHEAD

So please give your comments how to overcome challenges
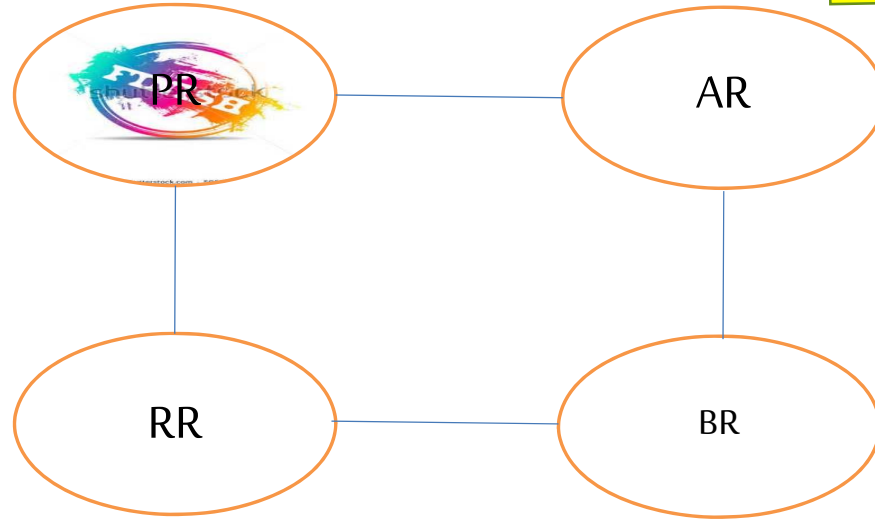by a better construction? or ...

WHERE WE ARE?
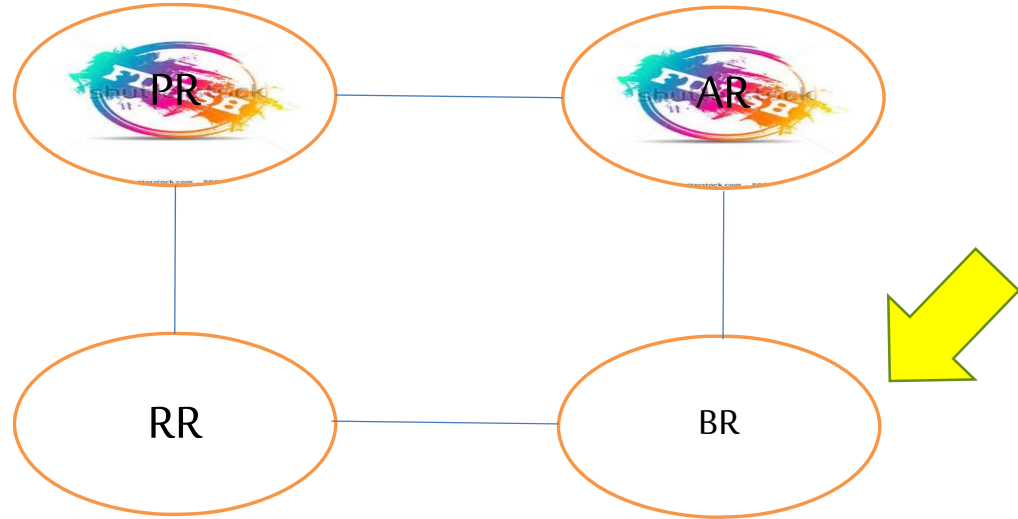
WHERE WE ARE NOW

Challenges regarding to Building

PR Challenges

▶Obtaining data from National Organization for Civil Registration.

(Debate!!! 2016 Census or Admin data?)
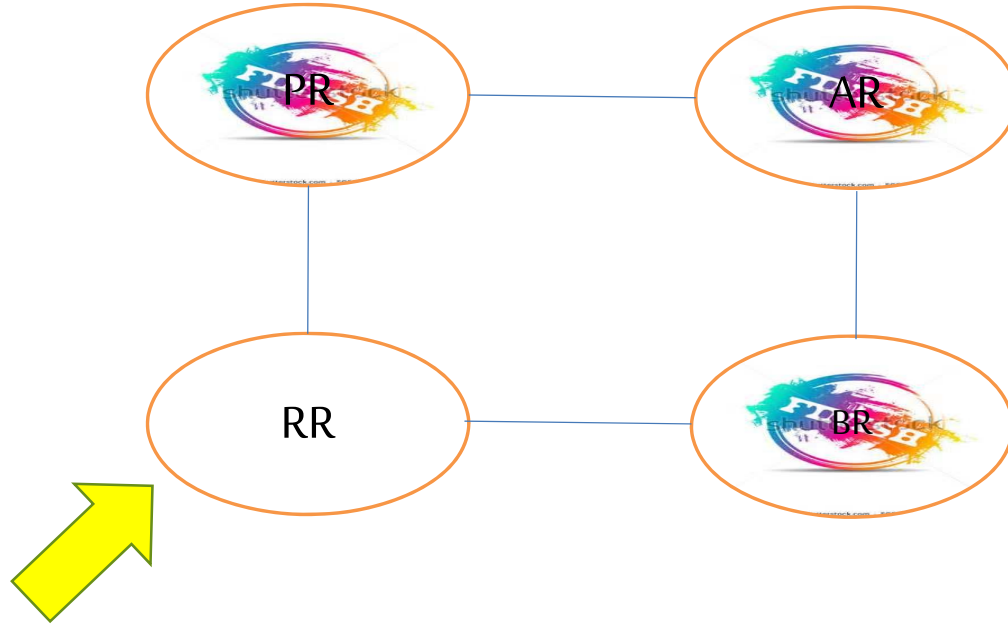
▶Residential Addresses or Postal Code

▶Coverage

AR Challenges

▶ Data Gathering

▶ Coverage

  ▪ We have students, government staffs, medium or large private businesses workers and retired.

  ▪ We have problem in sole traders or small business workers

  ▪ We have problem in unemployed

  ▪ We have problem in army members

  ▪ We have problem in disable persons

▶ ID challenges

  ▪ Force organizations to use PIN number in their transactions.

▶ Definition and Classification challenges

▶ Addresses

  ▪ Working/ studying / living addresses

BR Challenges

▶ Deficiency in BIN

▶ Obtaining data from TAX Organizations. also other org.

▶ Improper admin. definitions

▶ Improper stat. definitions

▶ Coverage

▶ Addresses

RR Challenges

▶ Postal code is not perfect

▶ Lack of legal Addresses

▶ Variables regarding to buildings characteristics

▶ Relation between Individuals and residential or business buildings (current situation/ mechanism to detect changes)

SRS

STATISTICAL REGISTERS SYSTEM

System?

Register?

Statistical?

SYSTEM

a set of things working together as parts of a mechanism or an interconnecting network

SYSTEM

a set of things working together as parts of a mechanism or an interconnecting network

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a set of things working together as parts of a mechanism or an interconnecting network

STATISTICAL

▶ Converting admin. Data to statistical data.

- Population
- Variables
- editing

Integrating Challenges (to develop IRANSTARS)

▶ Register

- Coverage (BR / AR / RR)
- Identifiers in each register (BIN / postal code)

▶ Statistical

- Editing
- Definitions (BR Units)
- Deriving objects (BR Units / households)
- Deriving variables (activity / business)
- Quality assessment
- Confidentiality (PIN/BIN to RIN)

▶ system

- Knowledge and experience to define MECHANISM
- Base registers (set of things)
- Consistency (work together)
- Identifiers in all 4 base registers (work together)

Big challenge (sorry, this is not technical !!!)

We are addicted to censuses and sampling surveys' production system

Comments and solutions?

Thank you

Contact

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