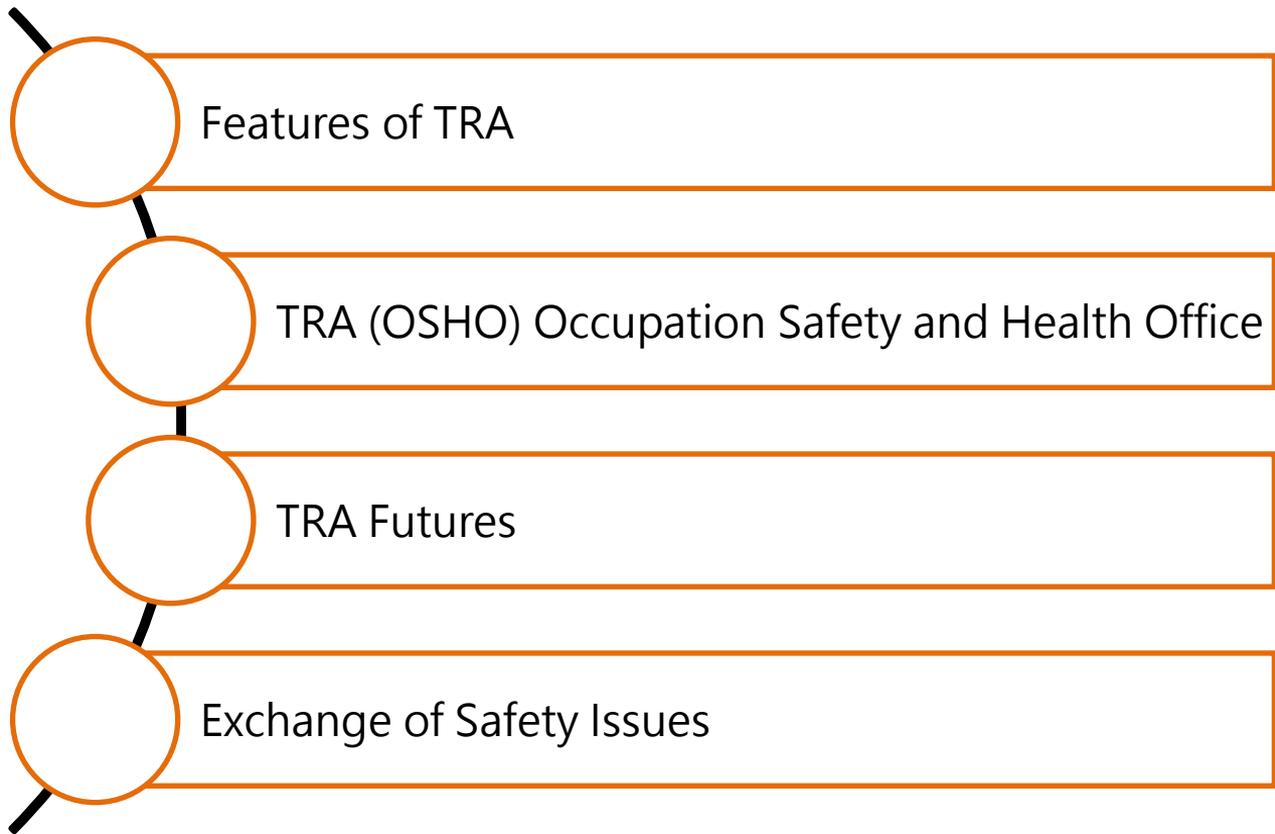


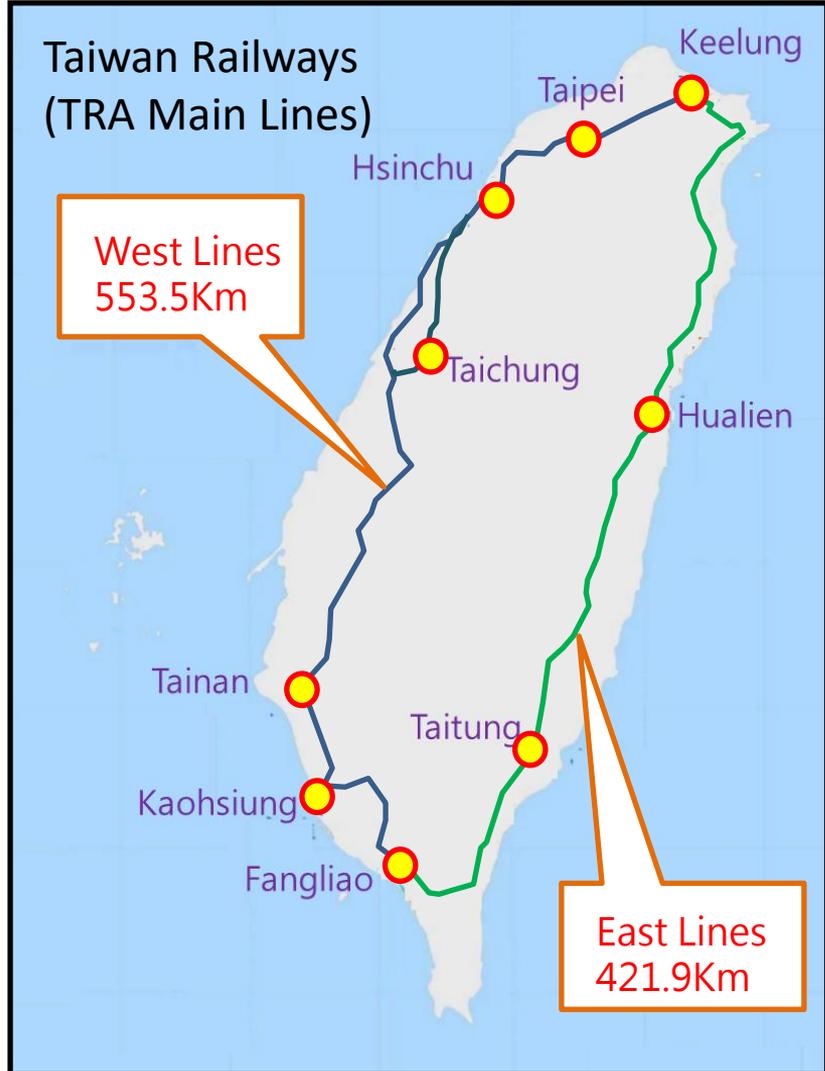
# Taiwan Railway Administration 2022



## Taiwan Railways (TRA Main Lines)

West Lines  
553.5Km

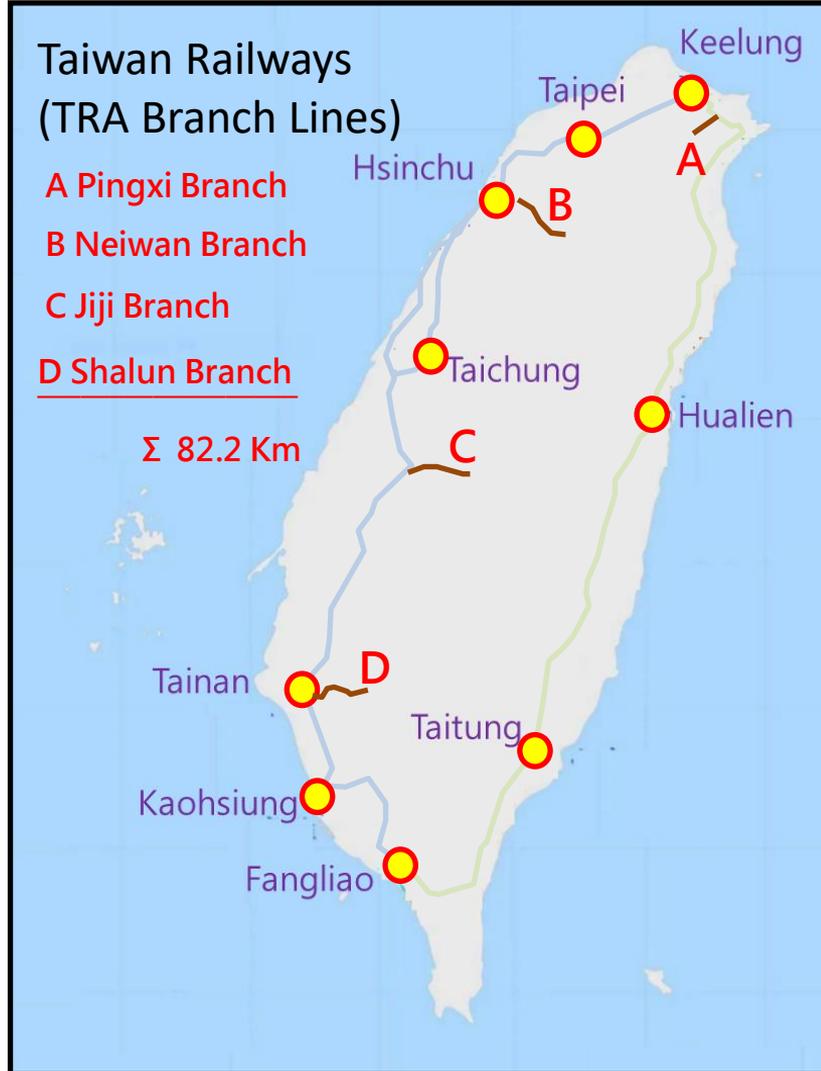
East Lines  
421.9Km



## Taiwan Railways (TRA Branch Lines)

- A Pingxi Branch
- B Neiwan Branch
- C Jiji Branch
- D Shalun Branch

$\Sigma$  82.2 Km



Taiwan Railways  
since 1887

Gauge 1067mm  
Stations : 241  
Length : 1058 km



safety

Accuracy

solidarity

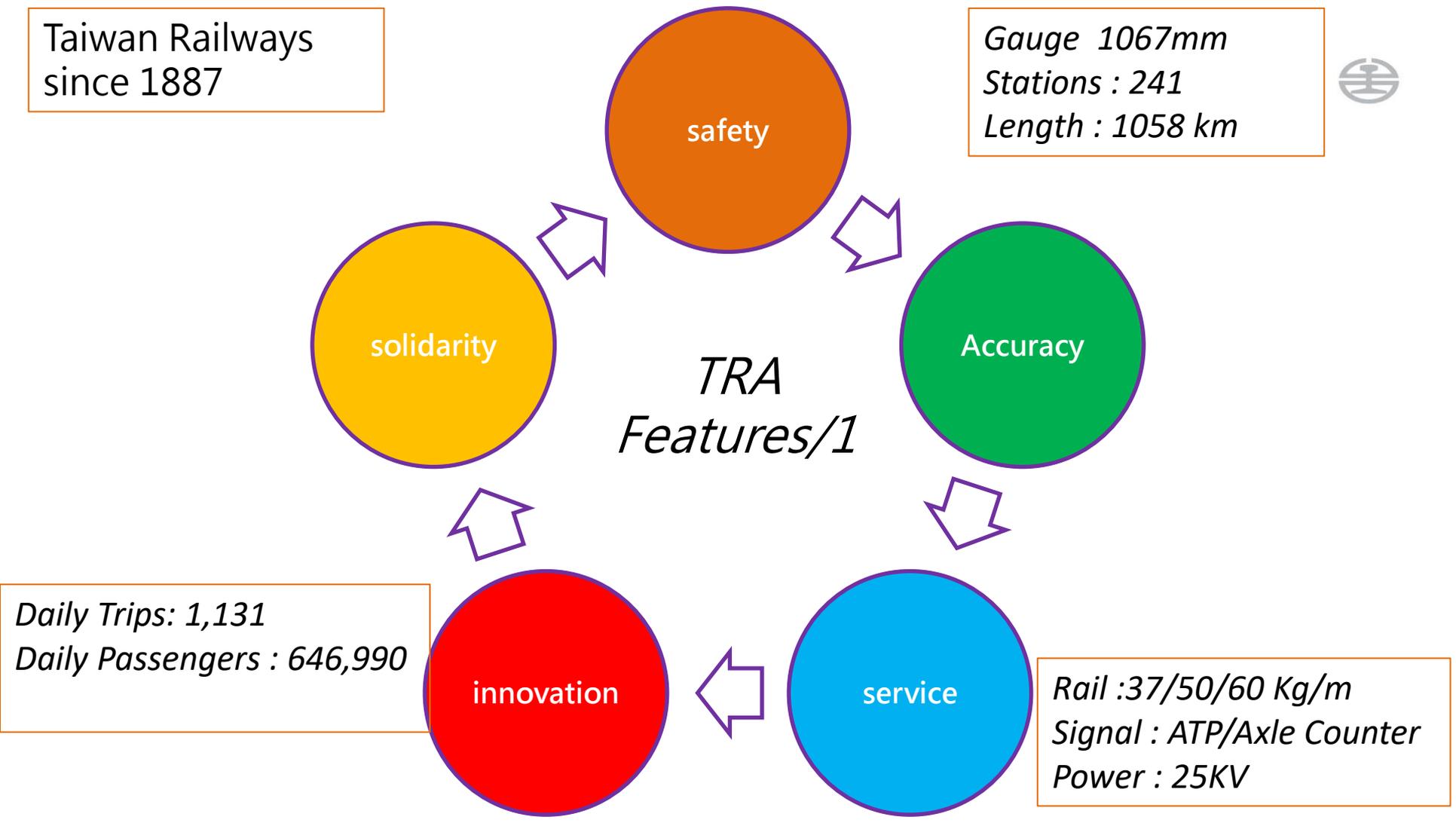
*TRA*  
*Features/1*

service

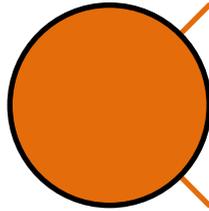
innovation

Daily Trips: 1,131  
Daily Passengers : 646,990

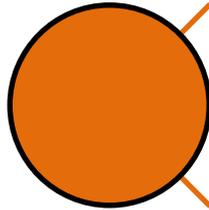
Rail : 37/50/60 Kg/m  
Signal : ATP/Axle Counter  
Power : 25KV



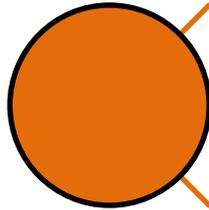
# TRA Features/2



Electrified Line: 92.2 %

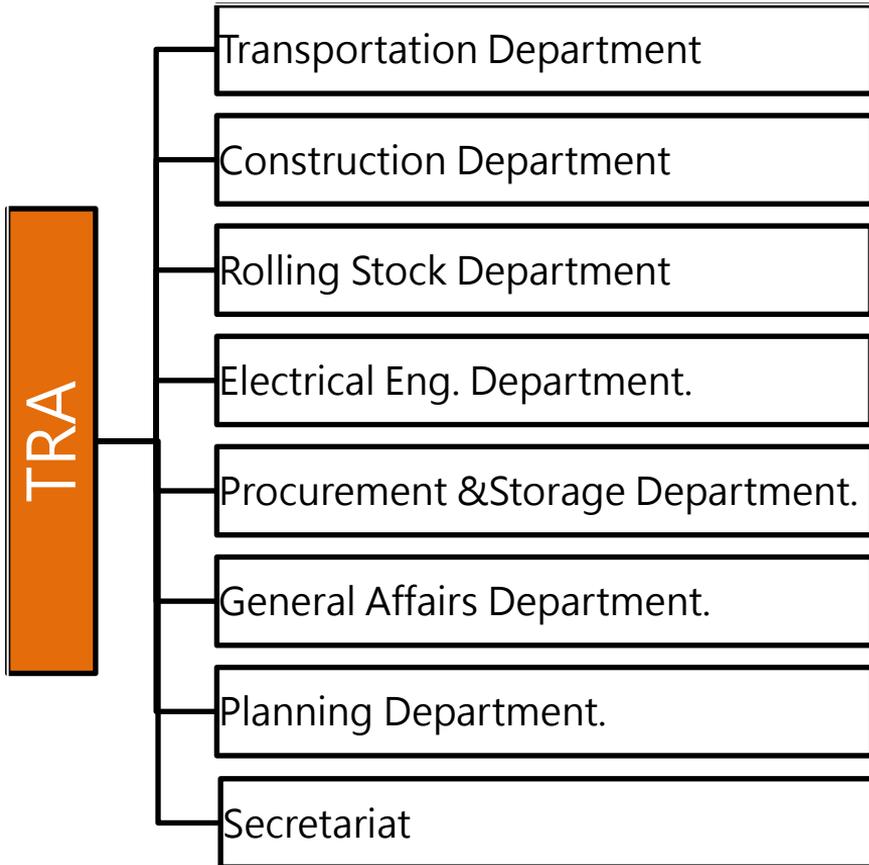


Level Crossing: 1 /2.54Km

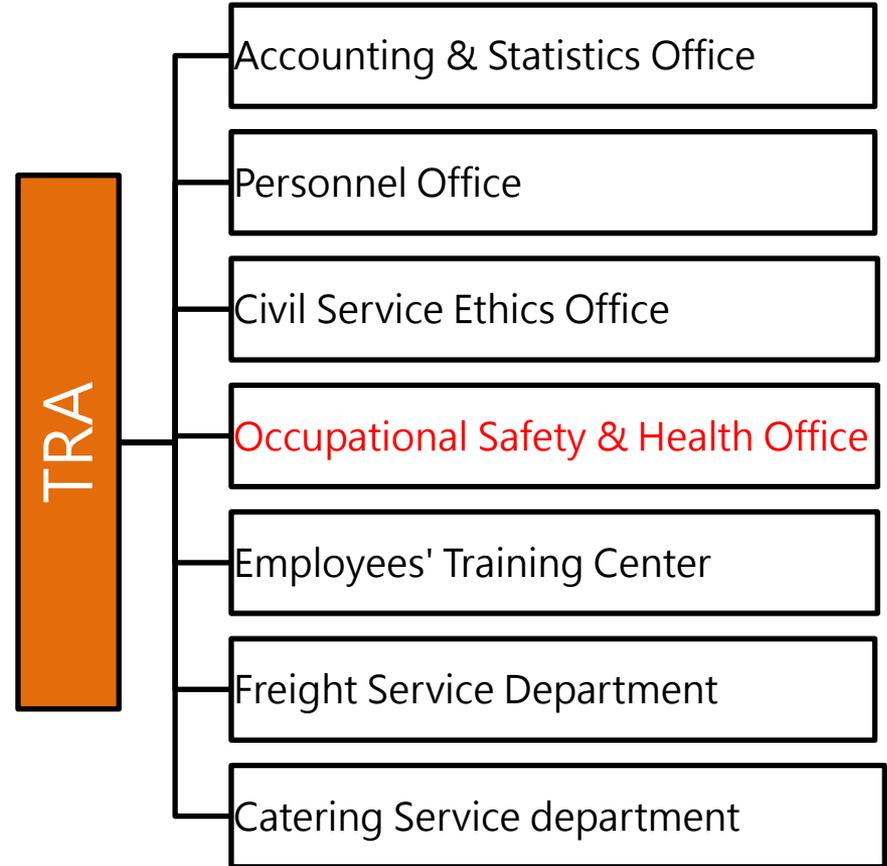


Double-Track: 69.7 %

# TRA Features/3

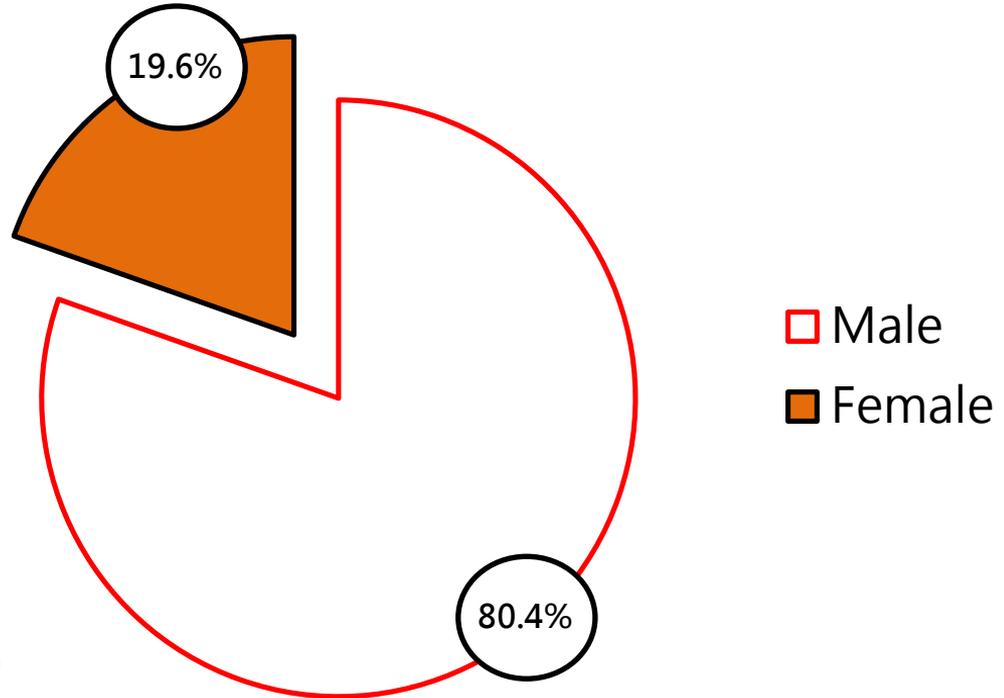


# TRA Departments



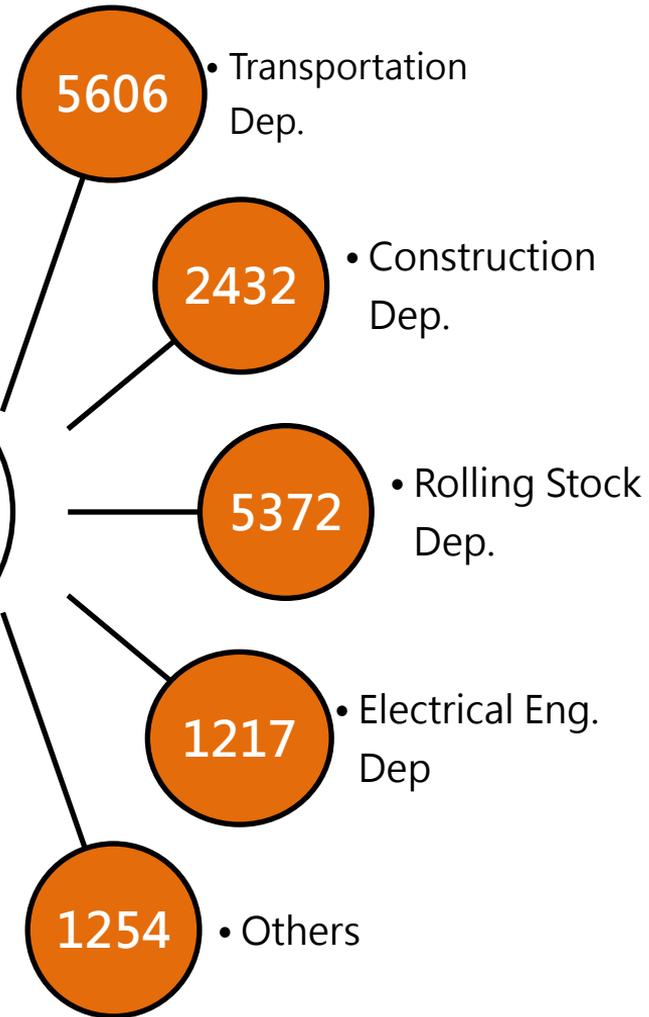
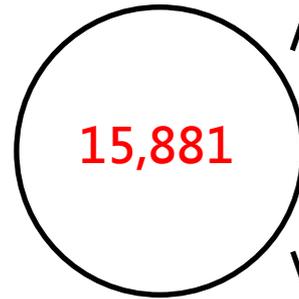
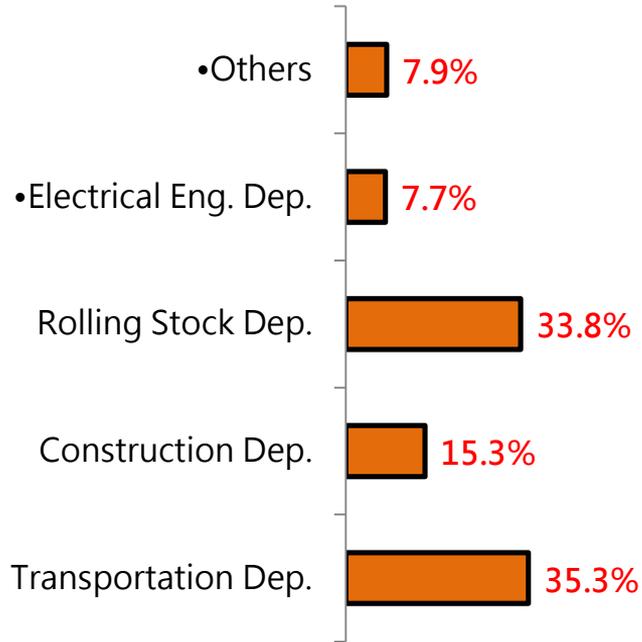


## Gender Distribution



TRA Employees

# TRA Features/5

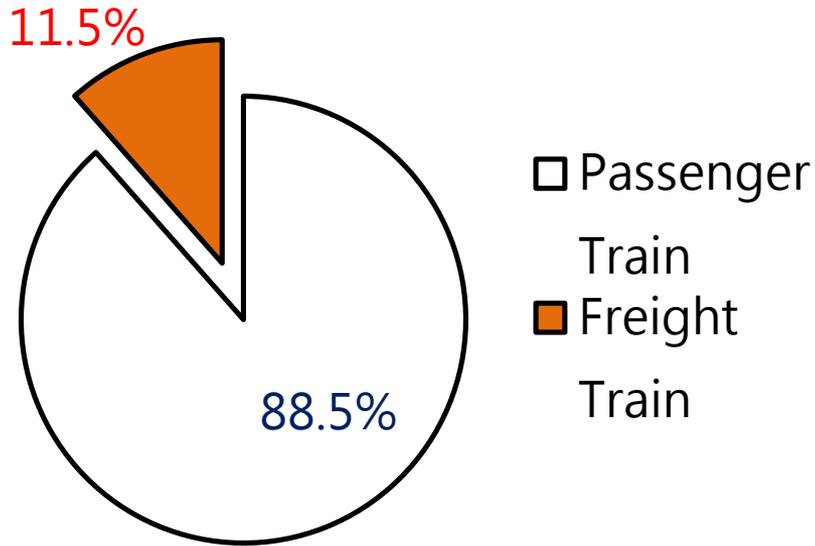


## TRA Employees

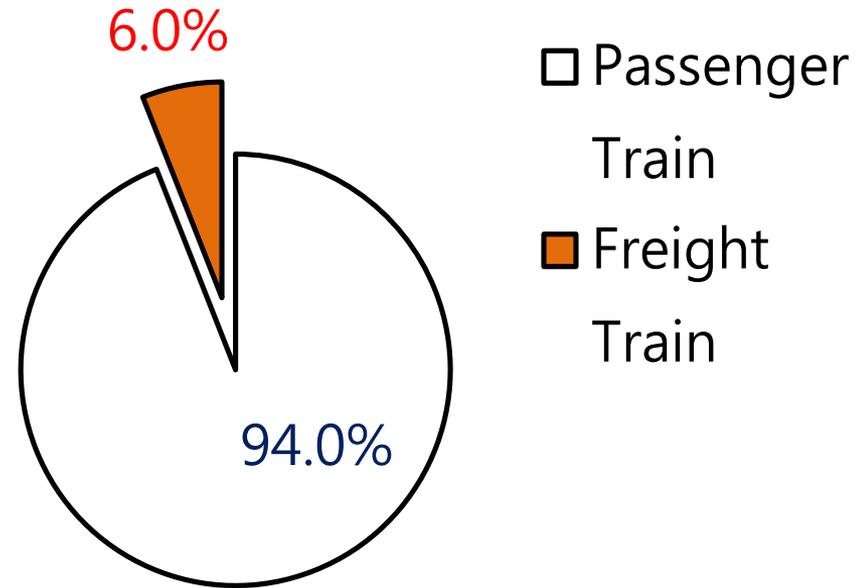
# TRA Features/6



## Operating Trains (TRA 2019)



## Operating Distance (TRA 2019)



# TRA Features/7



High Speed Railway Connect TRA Main Station ●

Taipei, Banqiao, Kaohsiung



High Speed Railway with Connect Minor Station ○

Nangang, Liuchia, Miaoli, Xinwuri, Shalun



High Speed Railway Not Connect TRA Station ●

Taoyung, Changhua, Yunlin, Chiayi



## Intercity Railway Networks

# TRA Features/8



Taipei MRT Connect TRA Station



Nangang, Songshan, Taipei, Banqiao



高雄捷運

Kaohsiung MRT Connect TRA Station



Qiaotou, Xinzuoqing, Kaohsiung



TMRT  
台中捷運

Taichung MRT Connect TRA Station

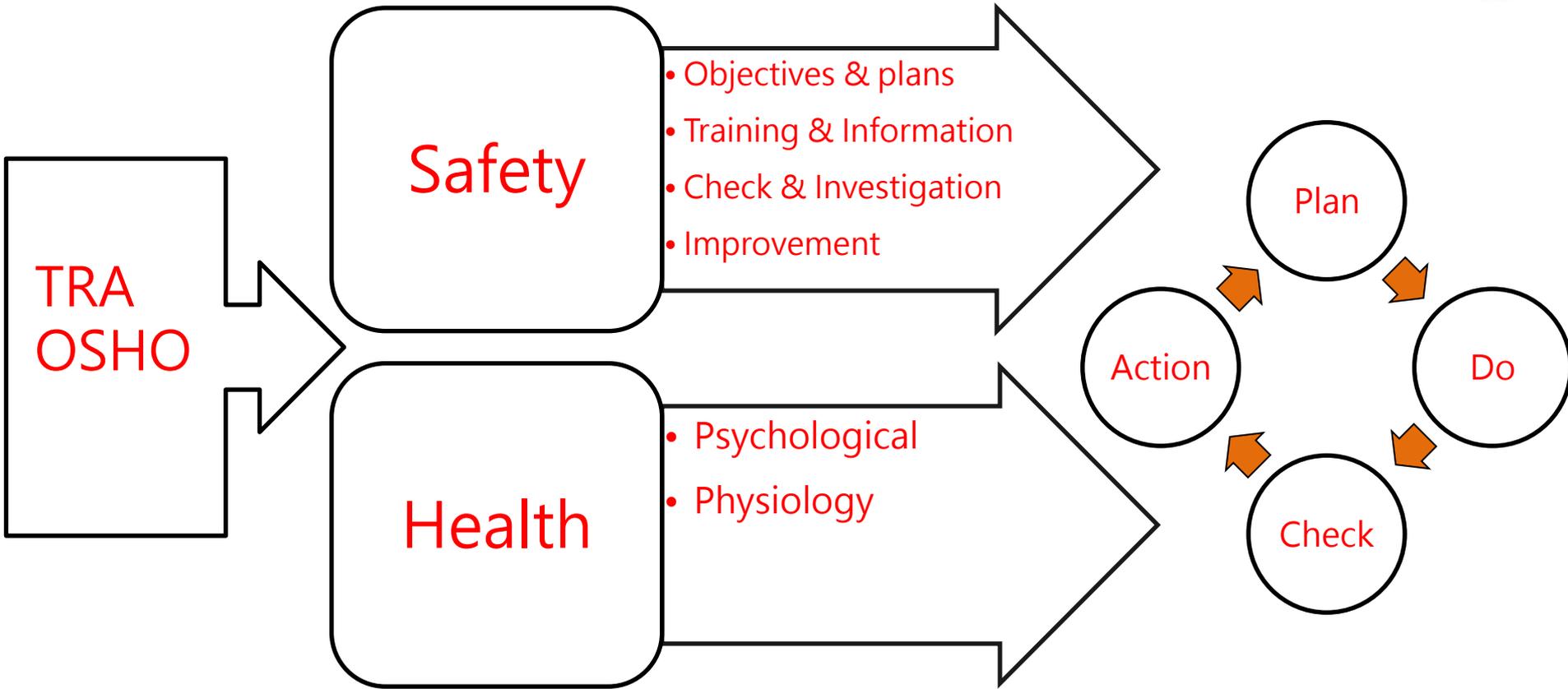


Songzhu, Dachin, Xinwuri

## Urban Railway Networks

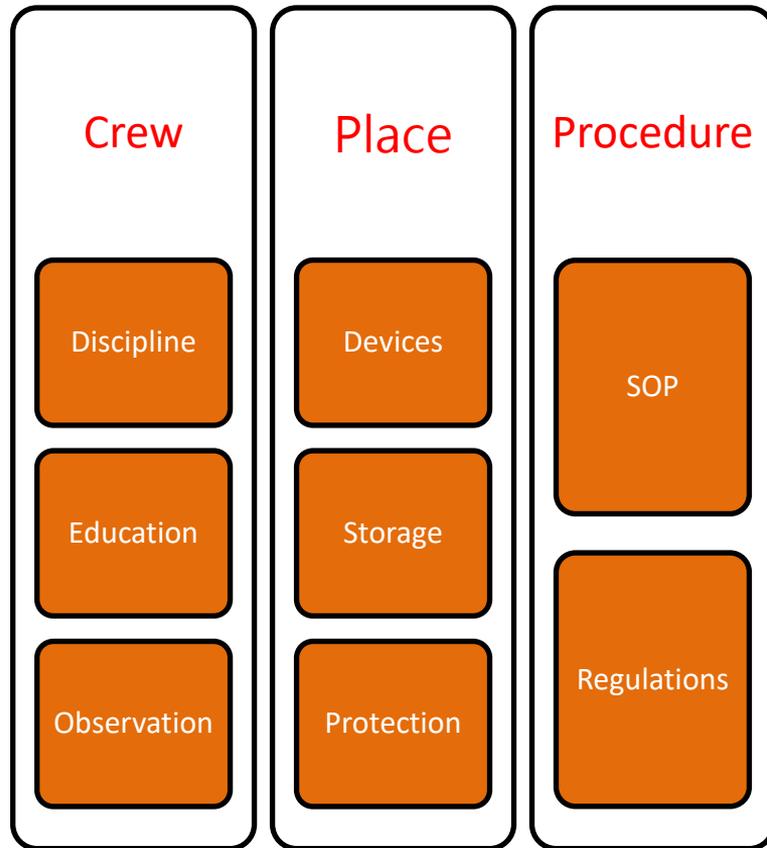
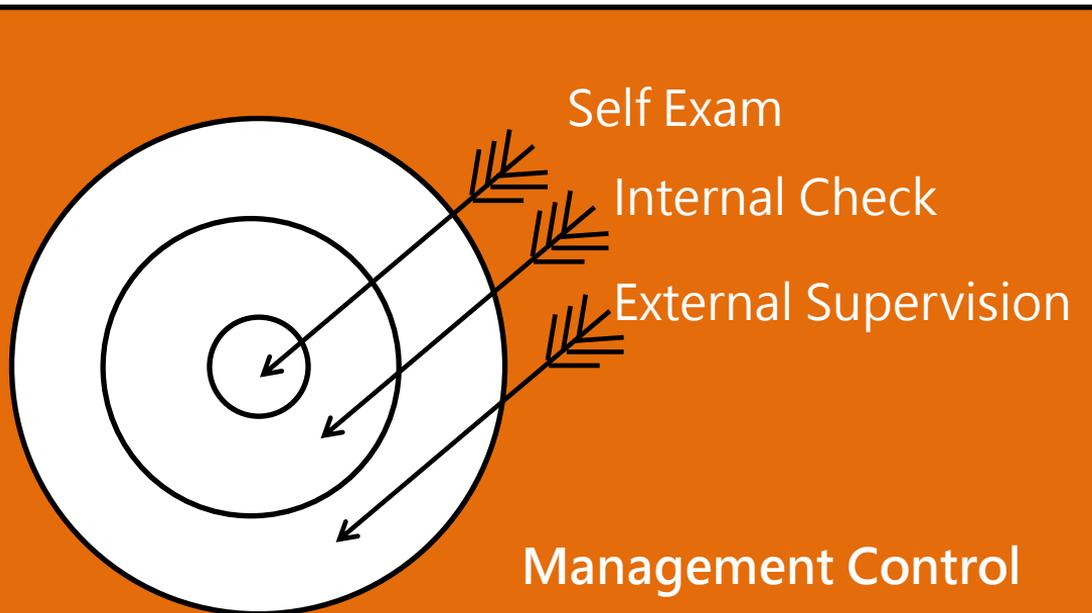


# TRA (OSHO)/1

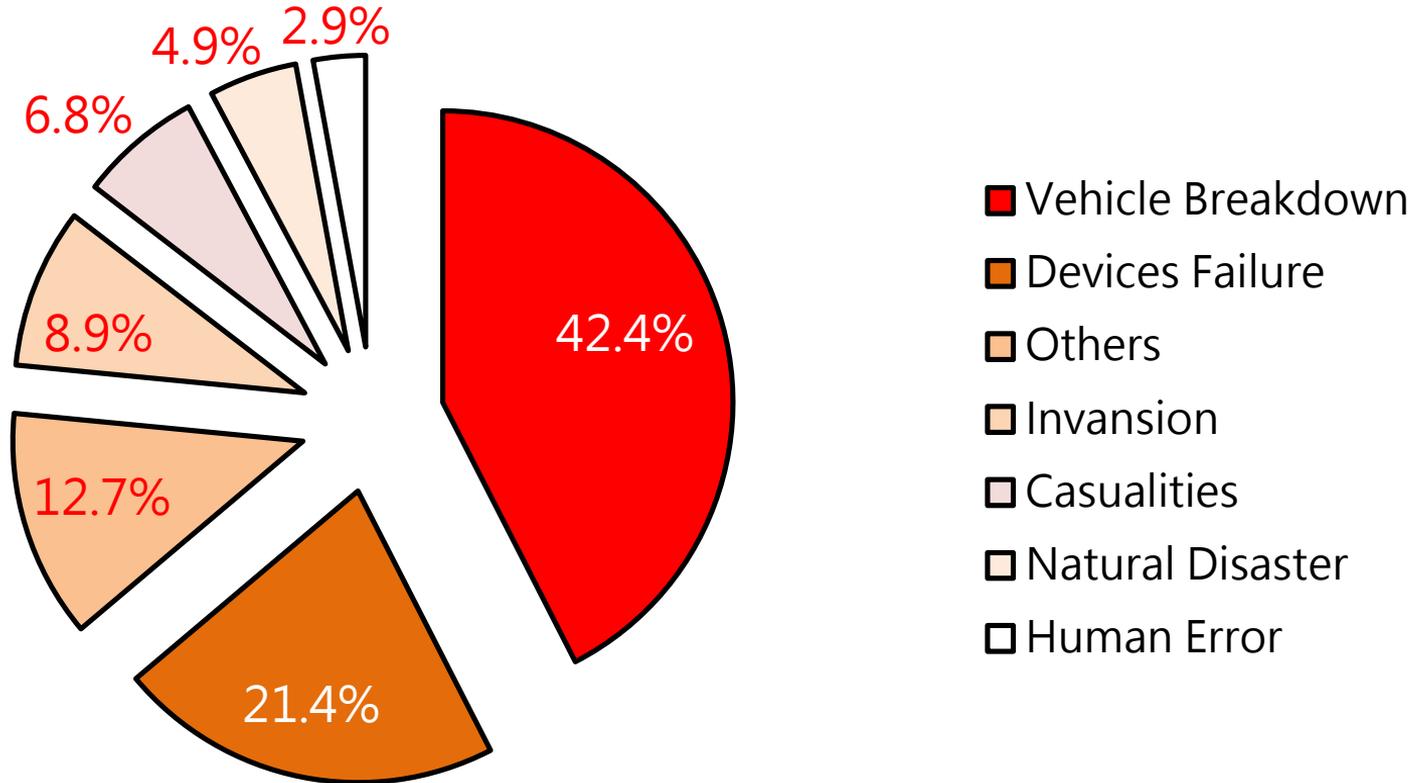


OSHO : Occupational Safety and Health Office

# TRA (OSHO)/2



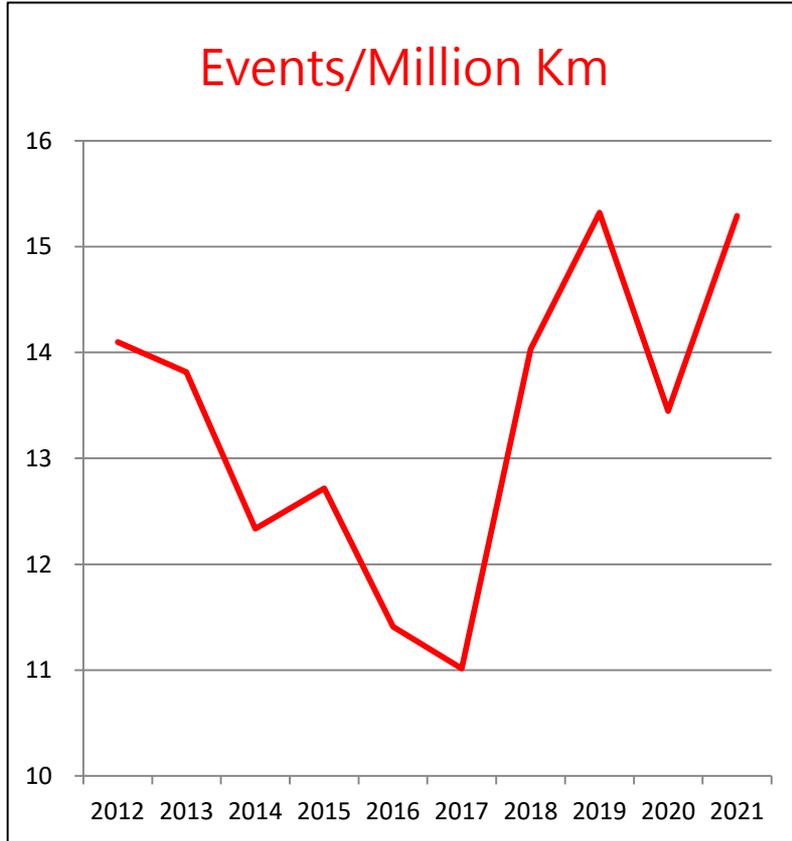
# TRA (OSHO)/3



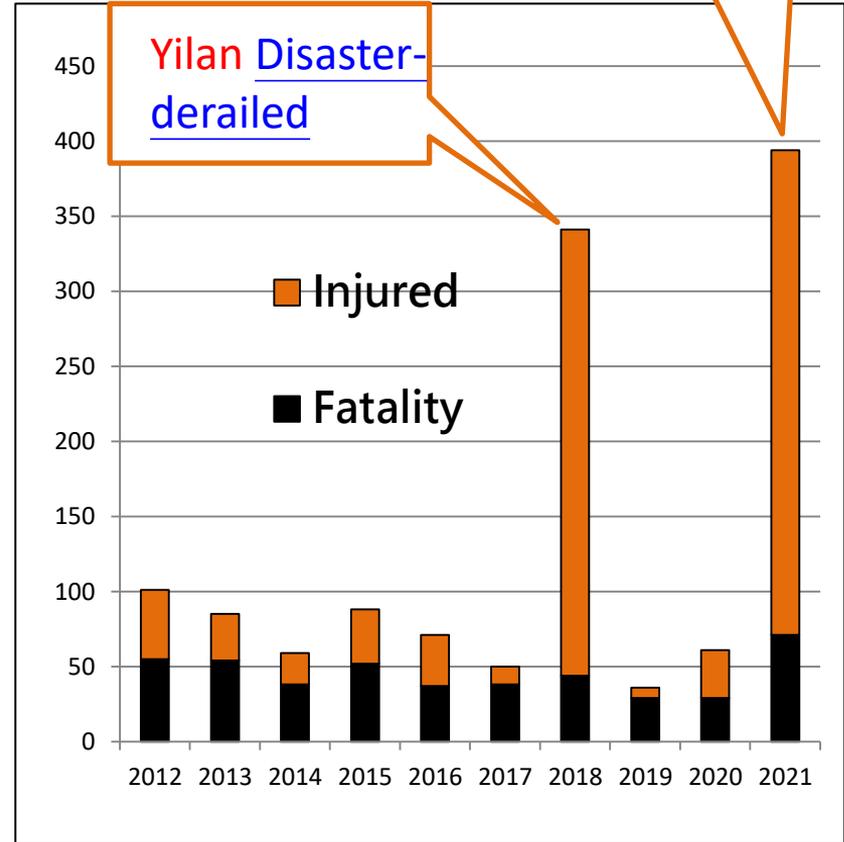
% of TRA Accidents and Traffic Abnormal Events

# TRA (OSHO)/4

## Accidents and Traffic Abnormal Events

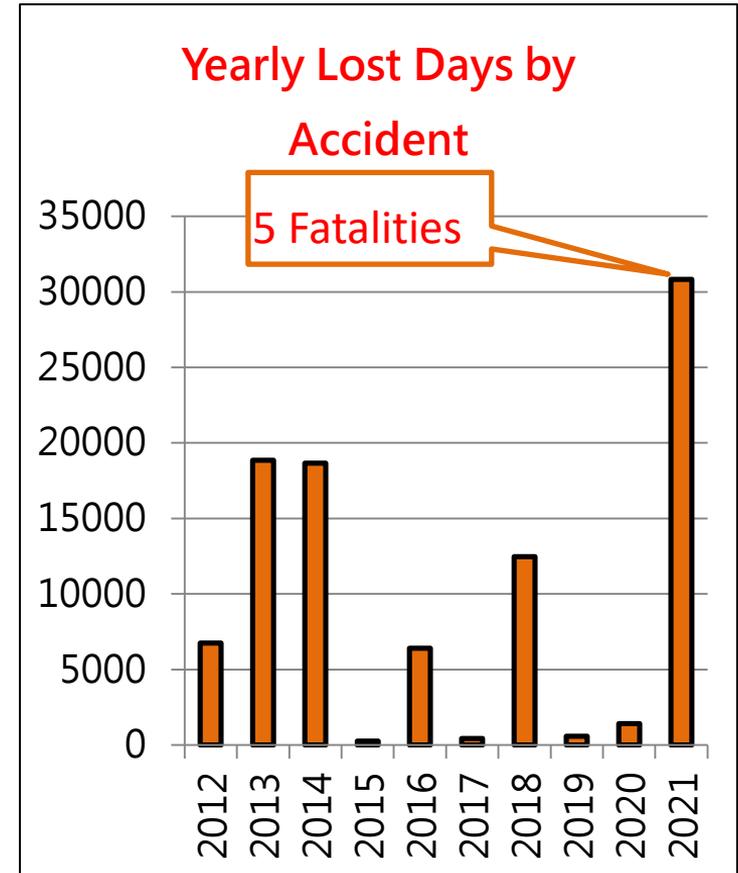
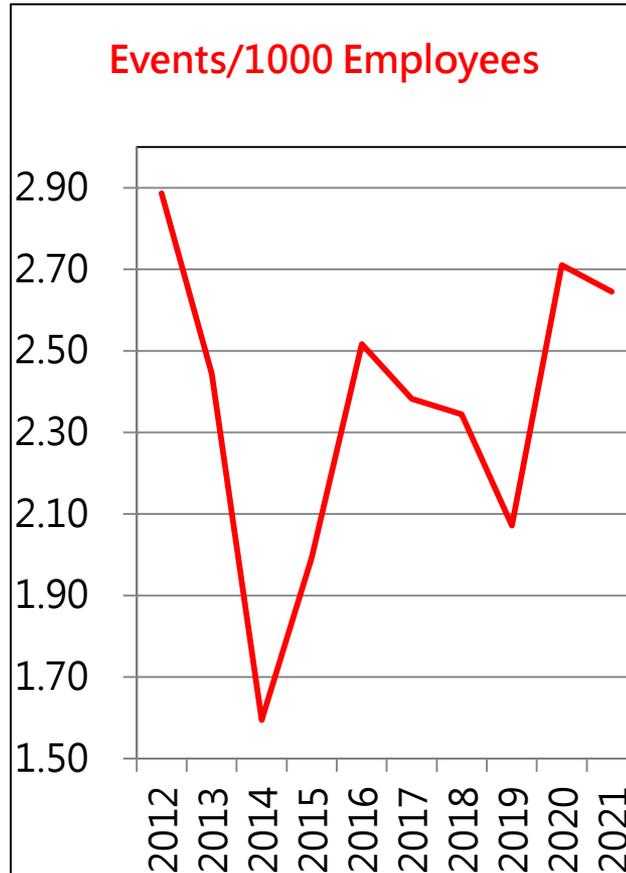


## Casualties





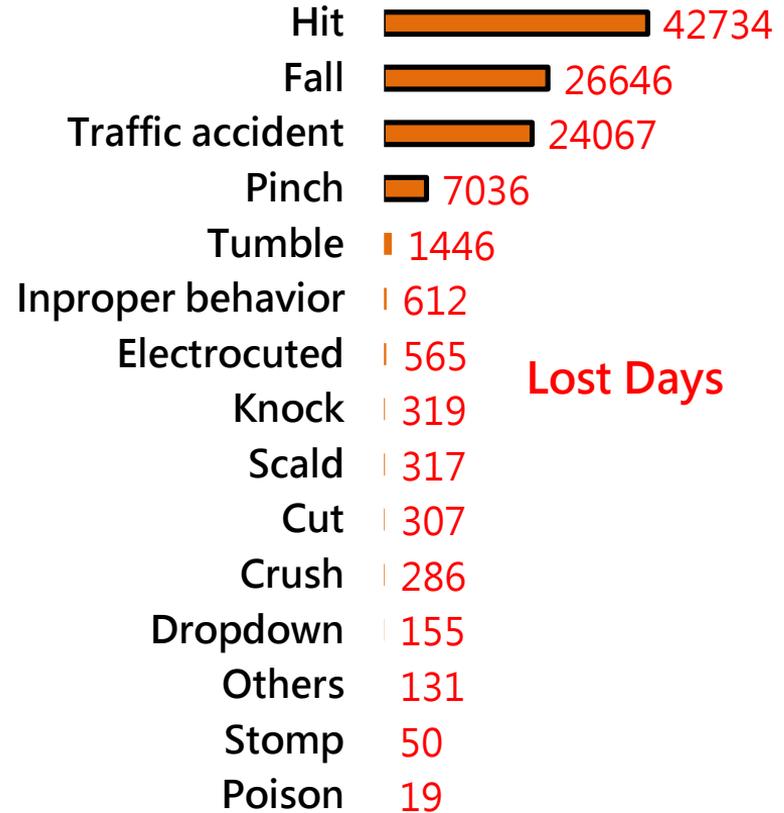
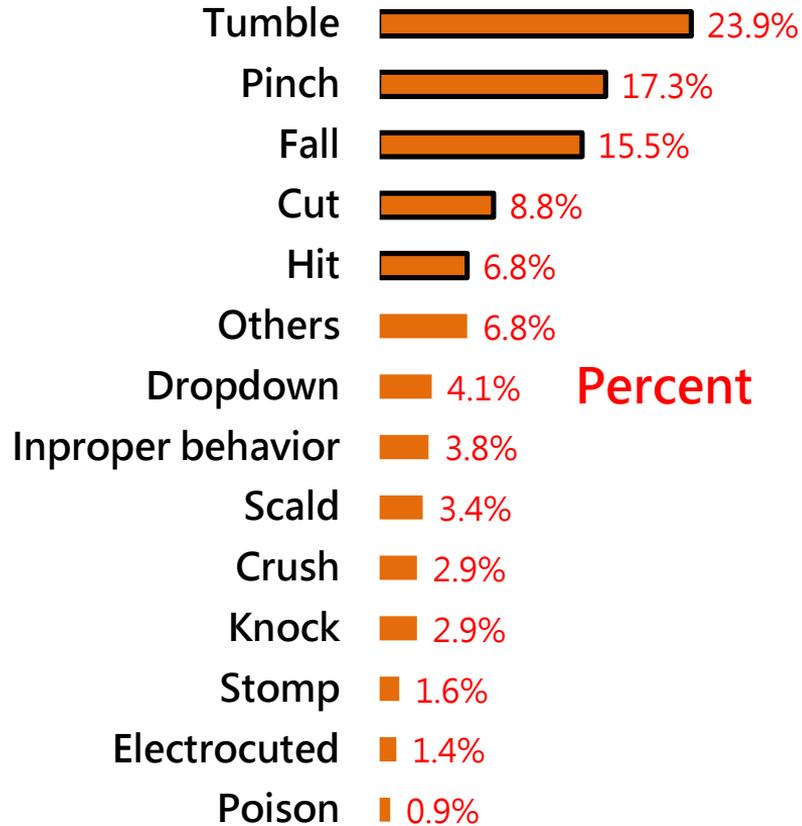
## Labor Casualty rates by Accident (TRA 2012-2021)



# TRA (OSHO)/6

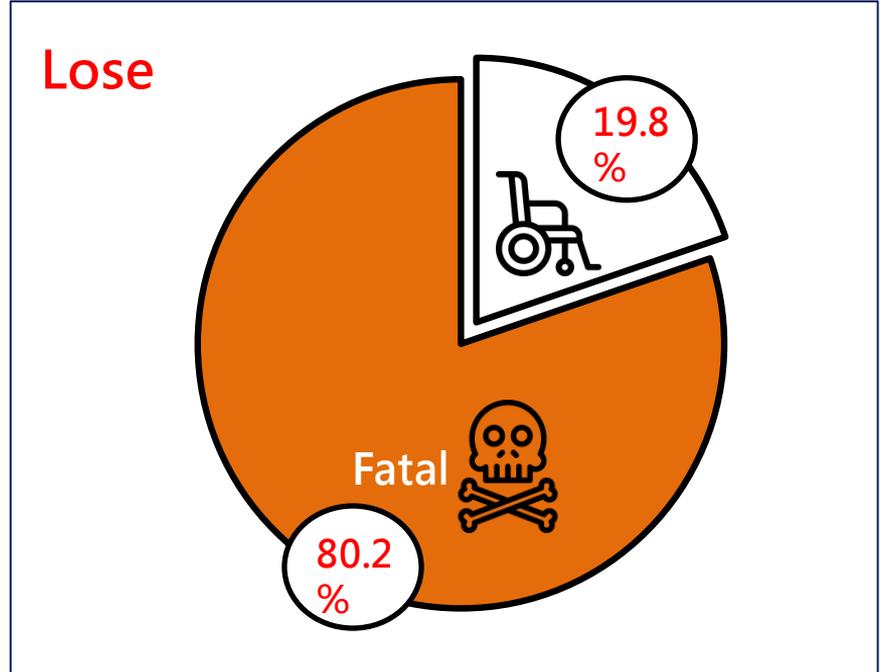
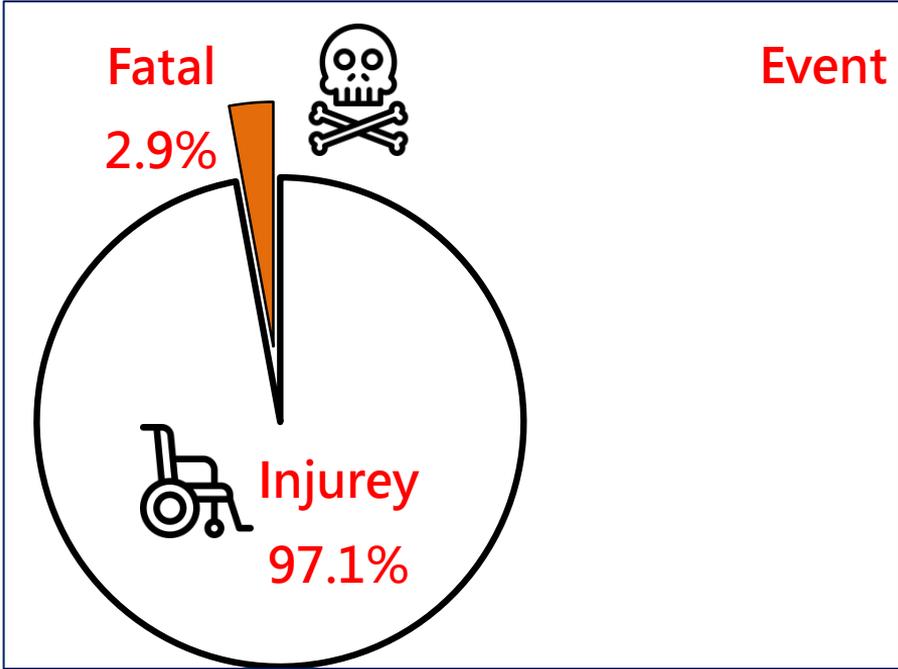


## Happened Ratio & Lost Days by Labor Accident Types (TRA 2012-2021)

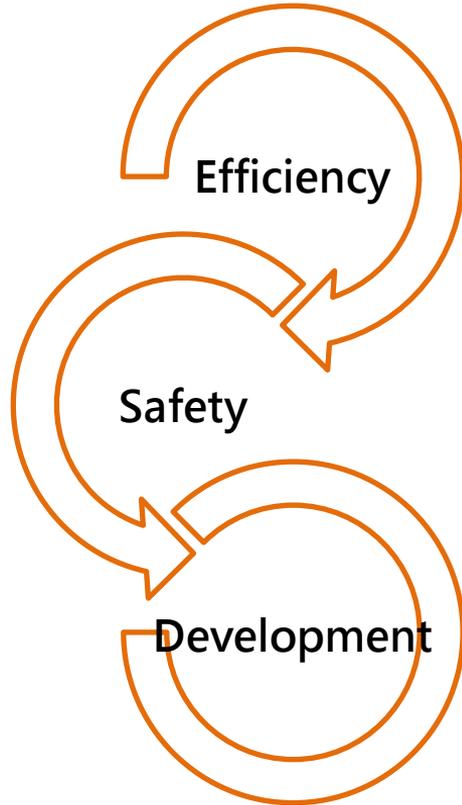




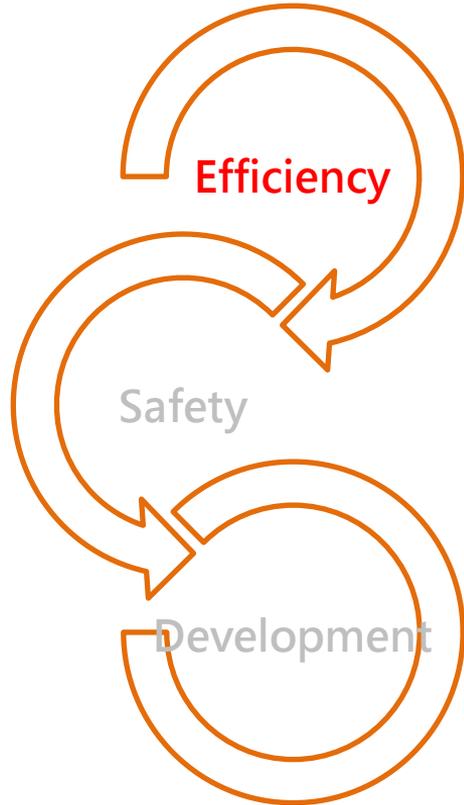
## Casualties of Labor Accident (TRA 2012-2021)



# *TRA Futures/1*

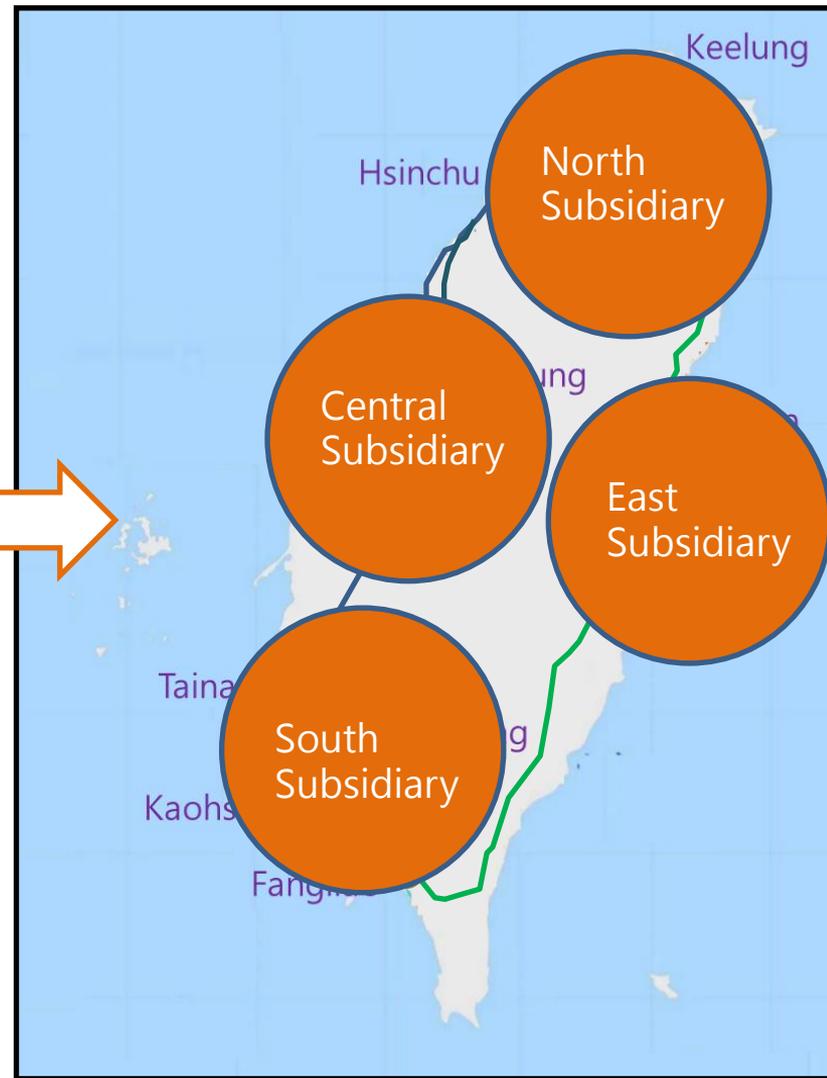


# TRA Futures/2

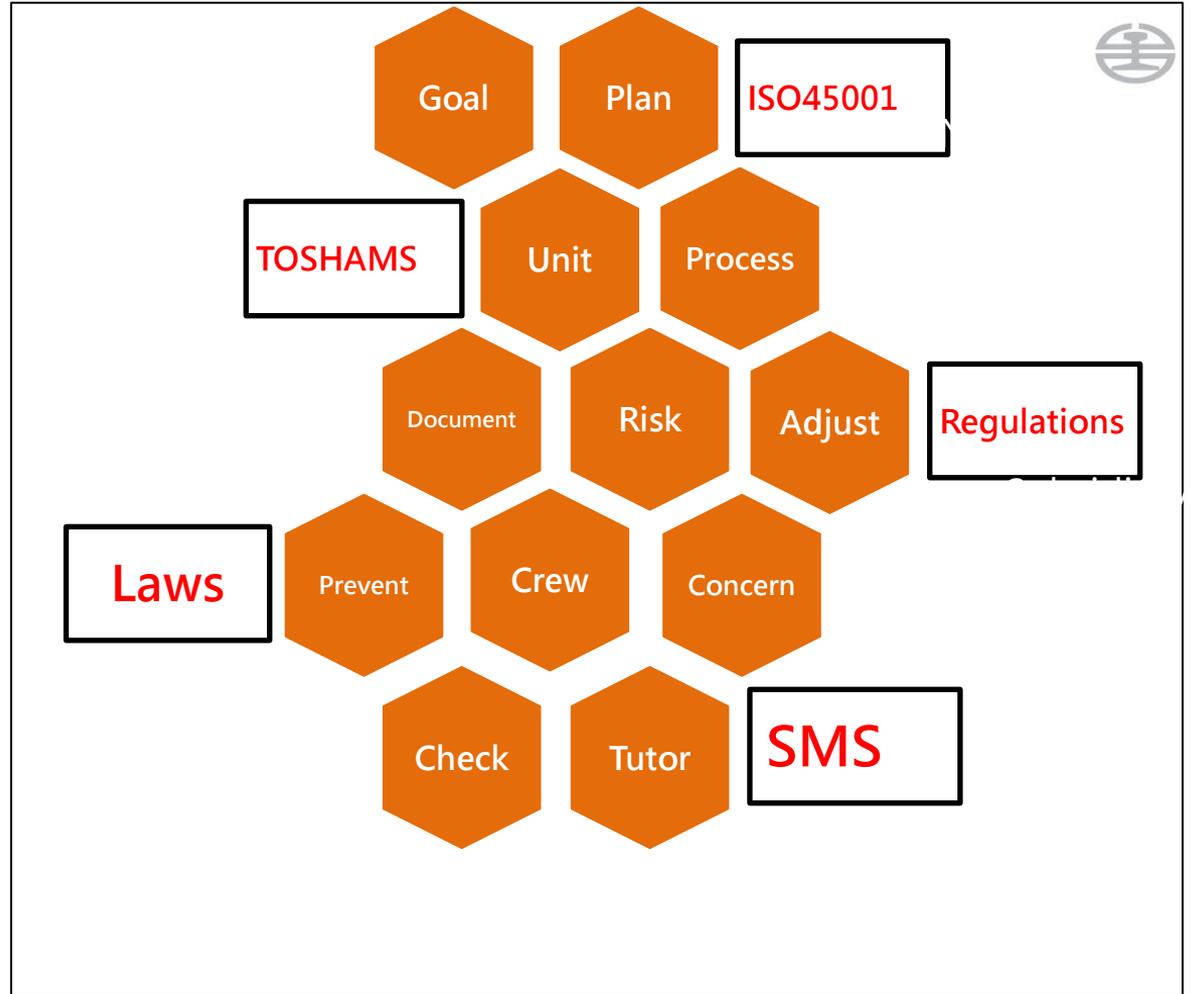
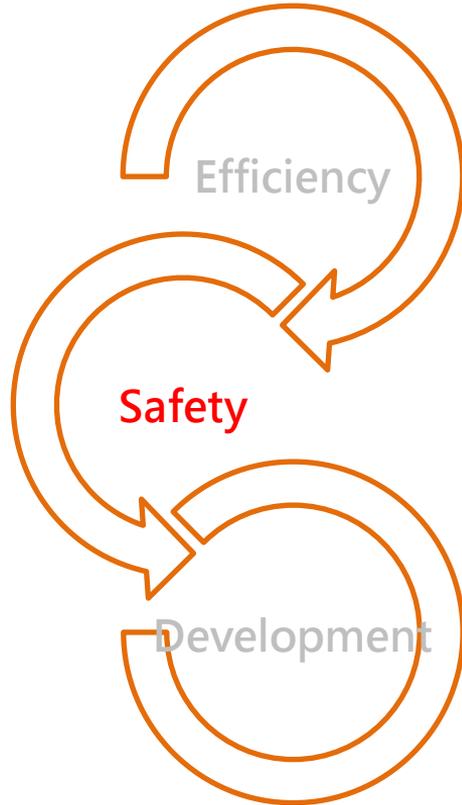


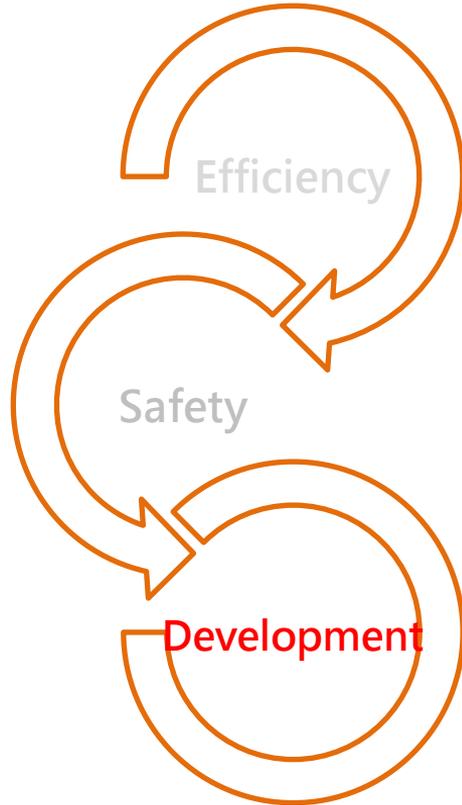
Taiwan  
Railway  
Administration

Taiwan  
Railway  
Company **2024**



# TRA Futures/3





**Transit-Oriented Development  
(TOD)**

**Sightseeing  
Bussiness**

**Restaurant  
Catering**

**Rent  
Service**

**Shopping  
Center**

**Resident  
Hotel**

# *Exchange of Safety Issues /Experiences of UK Railway*

- 1 Requirements for working close to the track
- 2 Management & Control for Casualty
- 3 Education & Information
- 4 Facility Investments for Safety
- 5 Check & Evaluation



**THANK YOU**

安全·準確·服務·創新·團結·榮譽