

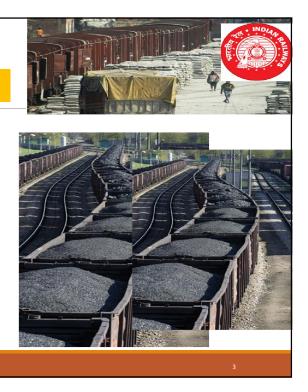
### We carry both freight & passenger traffic

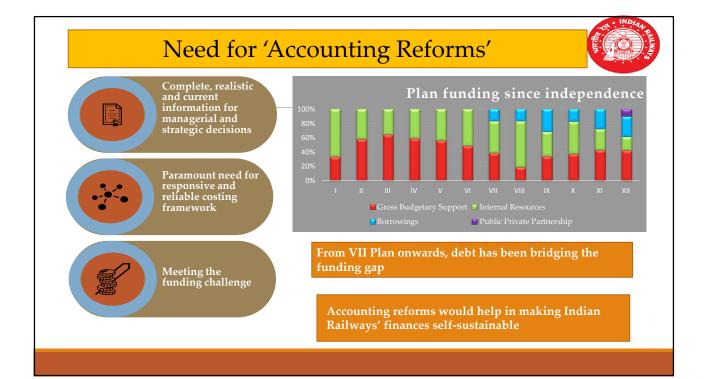
Freight carried – 1.165 billion tons/p.a. (4<sup>th</sup> largest in the world)
Passenger carried – 23 million /day(largest passenger carrier in the world)
No. of trains per day -13,000 passenger trains, 8,000 freight trains
No. of stations – 8500
No. of employees – 1.3 million approx
Annual earnings- Rs.1,88,998 cr (BE 2017-18)
Annual Expenditure- Rev - Rs.178,350 cr, Capex Rs.131,000 cr BE 2017-18
Capex-GBS- Rs.55,000 cr, Int. Resources- Rs. 14,000 cr, EBR- Rs.40,000 cr, PPP- Rs 22000 cr

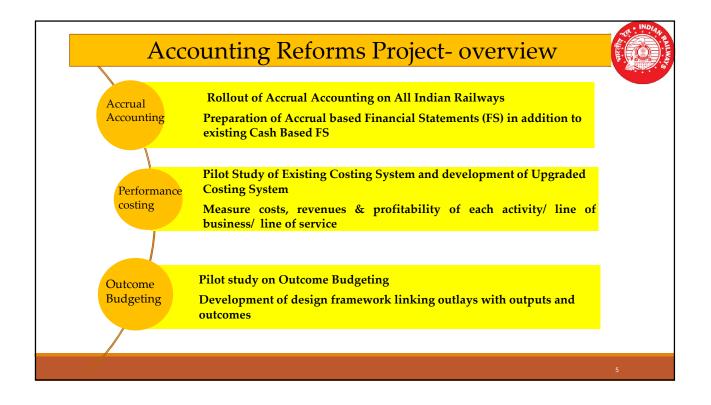
# We transport bulk commodities

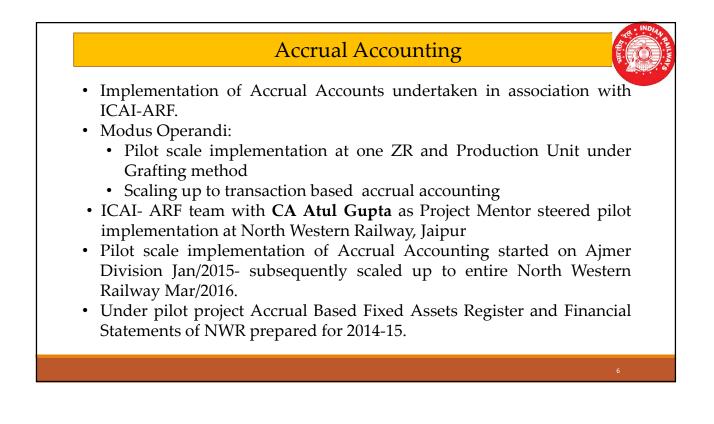
### ➢Indian Railways carries

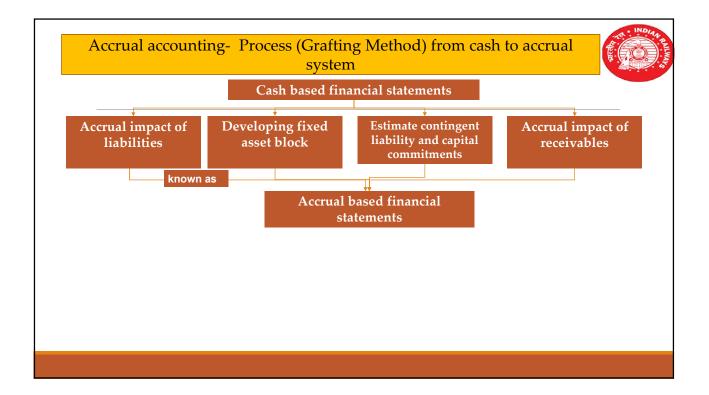
- 70% of Coal
- 87% of Fertilizer
- 81% of Iron ore
- 42% of Cement
- 17% of POL
- 20% of Foodgrains











	Accrual Accounting	ŧ,
<ul> <li>Bhawa</li> <li>Openin year er Statem</li> <li>Anoth finalize</li> </ul>	ents released in National Conference held on 20-12-2016 at h by Hon'ble FM and MR: g Balance Sheet of NWR as on 31-03-2014; Financial Statemed ded 2014-15 – Balance sheet, Statement of Profit and Loss, Case ent, Accounting Policies and Notes to Accounts er Pilot Study on RCF, study completed and Accrual Ba d. ARF team with CA Sanjay Vasudeva as Project Mentor steer	ents for sh Flow ased FS
Accountin	nentation at Rail Coach Factory, Kapurthala. <b>g Policies:</b> Group under CA Amariit Chapra Chairman National A	duicom
<b>Comm</b> senior	Group under <b>CA Amarjit Chopra</b> , <b>Chairman</b> , <b>National A</b> <b>ttee on Accounting Standards (NACAS)</b> , eminent professior Railways officials, guided and monitored the studies and f d Accounting Policies.	hals and

### **Accrual Accounting** Accounting Policies contd--: Position in various countries and industry viz National Rail Road Passenger Corporation (Amtrak)/US, Australian Rail Track Corporation, Kiwi Rail Holdings Ltd, China Railway DMRC and KRCL referred in the process **Following Accounting Policies framed for Indian Railways** Basis of Preparation of Financial Statements Purpose/Objectives, Use of Estimates, Fixed Assets Accounting, Capital work in progress, · Depreciation, Provisions, Contingent Liabilities and Contingent Assets, Valuation of Inventories, Revenue Recognition, Lease Accounting, Investments, **Retirement Benefits** • These policies are being reviewed in line with IGFRS/ IPSAS

Accrual Accounting	
A securities on all Indian Deilways	

- Rollout of Accrual Accounting on all Indian Railways :
  ICAI-ARF is the channel partner with CA Atul Gupta as Project Mentor.
  - Up-dated CSER and Implementation Manual circulated to Rlys to assist in Roll out.
  - 130+ CAs assisting Railways to prepare Fixed Assets Register(FAR), Current Assets, Current Liabilities and Financial Statements for 2105-16 and 2016-17 under grafting method.
  - Details of approx 20 lakhs fixed assets being captured in FARs.
  - Actuarial based assessment of Staff Benefit liabilities towards 13 lakh+ employees and 15 lakh + pensioners is being done through an Actuarial firm.
  - A concept paper is also being developed in association with ICAI on creation of a self-sustaining Pension Fund, including funding model thereof, to meet with the long-term staff liabilities.
  - CA S.B.Zaware has been nominated by ICAI to prepare the required Concept Paper bringing out administrative/ legal /procedural issues besides the practice in Industry locally and abroad in Govt./ Public Sector.



Accrual Accounting
<ul> <li>Dash Board:</li> <li>Web enabled IT Dashboard developed for collation and progress monitoring.</li> <li>Up-gradation of existing accounting system</li> <li>Up-gradation of existing accounting system for transaction based accrual accounting also under process.</li> <li>Changes in Chart of Accounts.</li> <li>An expert group headed by CA Amarjit Chopra, Chairman NACAS &amp; ex - President, ICAI, eminent professionals, sr. officers from Railways formed to steer Rollout process.</li> <li>Capacity Building: <ul> <li>Webinars;</li> <li>Field training to staff by CA Firms and Central team of ICAI-ARF;</li> <li>Training of Officers and Staff at NAIR/ Vadodara and C-TARA, Secunderabad.</li> </ul> </li> </ul>
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## Performance Costing

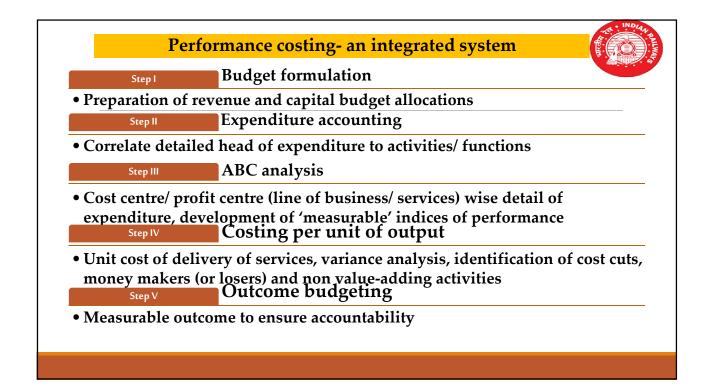
#### **Objectives:**

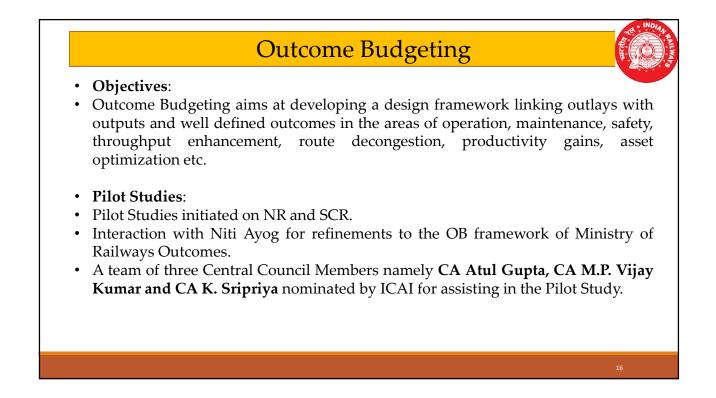
- Design an information system with different access levels for categories of users to:
- Provide information about various costs in key performance areas viz. construction, augmentation, operations and maintenance.
- Measure performance of each activity/line of business and line of service.
- Measure costs, revenue & profitability of the following, but not limited to:
  - Passenger and freight traffic [for each class and each commodity]
  - Train, section, gauge, traction, route etc. including sub-urban train, EMUs, special trains, tourist/luxury trains etc.
  - Production Units, service units, utilities etc.
  - Zone, Division, field units etc.
  - Locomotive, coach, wagon etc.
  - Rail accidents & other abnormalities

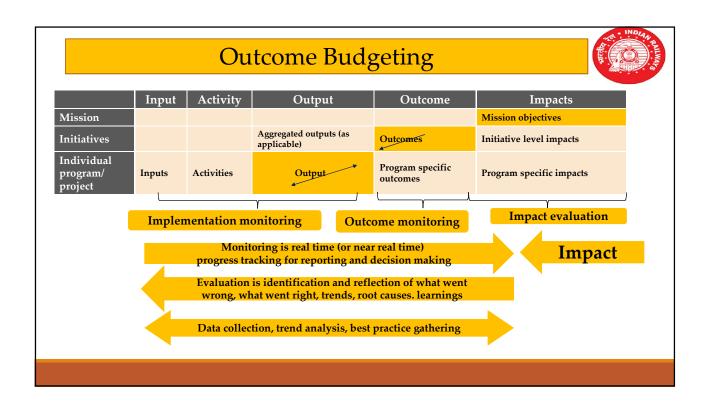
# **Performance Costing**

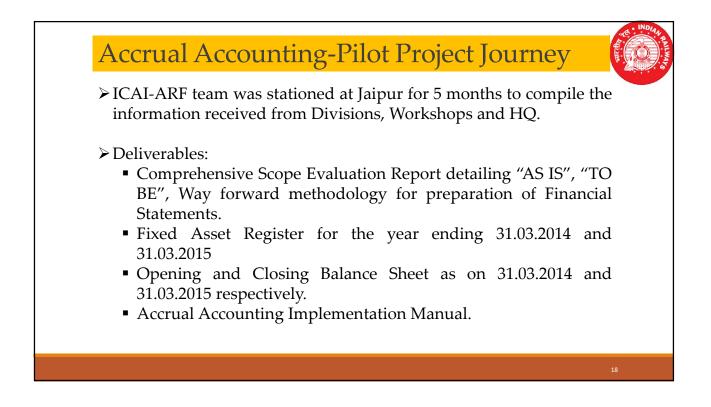
#### **Current Status:**

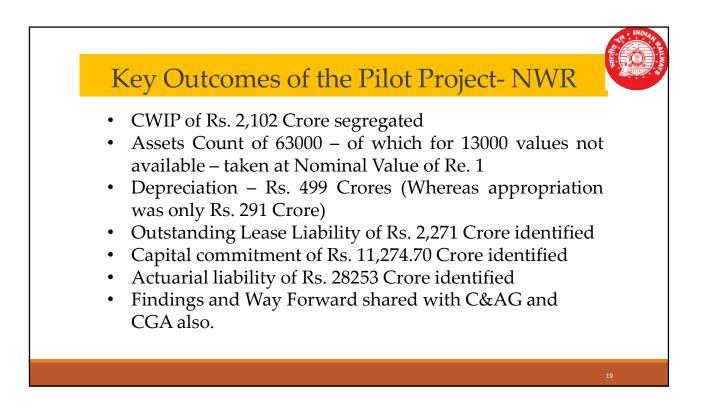
- Pilot study on Performance Costing started on Northern Railway in association with Institute of Cost & Works Accountants- Management Accounting Research Foundation (ICWAI-MARF).
- Draft As-is-Report detailing existing costing system and gap analysis submitted by consultants.
- Next stage is designing and developing an improved activity based costing system.
- Three- tier Advisory Body formed on Northern Railway to guide and assist the study:
  - o PHOD committee to guide and monitor study.
  - o SAG Officers Committee to assist consultants.
  - o A team of JAG officers to coordinate with the Consultants for field study.











	Cash Vs	Accrual – Majo	or Difference	e in Fixed Assets
S. No.	Particular	Fixed Assets Register on accrual basis on 31.03.2015 (in Crores)	Block Account – Existing on 31.03.2015 (in Crores)	Remarks
1.	Gross Assets including CWIP	14,789	13,258	FAR includes assets worth Rs. 35 Crores which were charged to revenue and not part of Block Account like Computers, F&F, etc.
2.	Accumulated Depreciation	3,845	NIL	No Depreciation was charged in Cash based Accounting
3.	Net Fixed Assets	10,944	13,258	Shows difference due to Accumulated Depreciation
4	Lease Assets	2,271	NIL	Were not recognized in Cash based Accounting

S. Io.	Particular	Accrual Basis on 31.03.2015 (Rs. In Crores)	Cash Basis on 31.03.2015 (Rs. In Crores)	Remarks
1.	Depreciation	499	NIL	No Depreciation is charged in Cash based Accounting
2.	Appropriation to Depreciation Reserve Fund	291	291	Appropriation made to DRF also over and above Depreciation
3.	Appropriation to Pension Fund	1,246	1246	Actuarial based assessment not provided in FS
4.	Net Profit after Depreciation and Appropriation	59	565	Difference due to Depreciation

Actuarial	Liability	and Net	Worth

S. No. PARTICULAR ÁMOUNT (IN CRORES) 1. GRATUITY 1,707 2. EARNED LEAVE 1,250 з. MEDICAL 1,277 4. PENSION 23,907 5. **COMPOSITE TRANSFER GRANT** 111 TOTAL 28253

Actuarial Liability as on 31.03.2015

Net V		estern Railway (NWR) .03.2015
S. No.	Particular	Amount (in Crores)

1.	TOTAL ASSETS	23,648
2.	CURRENT LIABILITIES	(9,961)
З.	Non-Current Liabilities	(3,912)
4.	NET WORTH	9,775

\*Actuarial Liability is not provided in the Financial Statements as on 31st March 2015

Challenges	/ Solutions
Challenges	Solutions
Non- availability of cost	Where the cost data not available, assets were valued at Re. One.
Non- availability of Date/Year of acquisition	<ul> <li>Where only year of acquisition was available then 1<sup>st</sup> April of that year was considered as date of acquisition.</li> <li>Where neither date nor year was available in this case it was considered that life of that has been expired.</li> </ul>
Non- availability of useful life/codal life of Buildings, Railway track, Roads/streets and furniture & fixtures	Codal life of Building, Tracks, Roads, Furniture and Fixtures were determined by AR directorate in due consultation with ICAI ARF.
Administrative issues	Resistance to Change
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Special solutions				
Category of Assets	Challenges	Way Forward		
LAND	<ul> <li>Historical data was not available in respect of Date of acquisition;</li> <li>Non existence of record for financial data of land.</li> </ul>	• As land is a non depreciable assets, therefore for the preparation of financial statements cumulative value of the land taken from the Block Account of Railway.		
RAILWAY TRACKS	<ul> <li>Consisting of several component having different useful life;</li> <li>Cost data of each and every component was not available;</li> </ul>	Estimates;		
ROLLING STOCK	<ul> <li>Rolling stock consisting of owned assets and Leased Assets;</li> <li>Non existence of bifurcation of owned assets and leased assets;</li> </ul>	compute the lease liability;		

