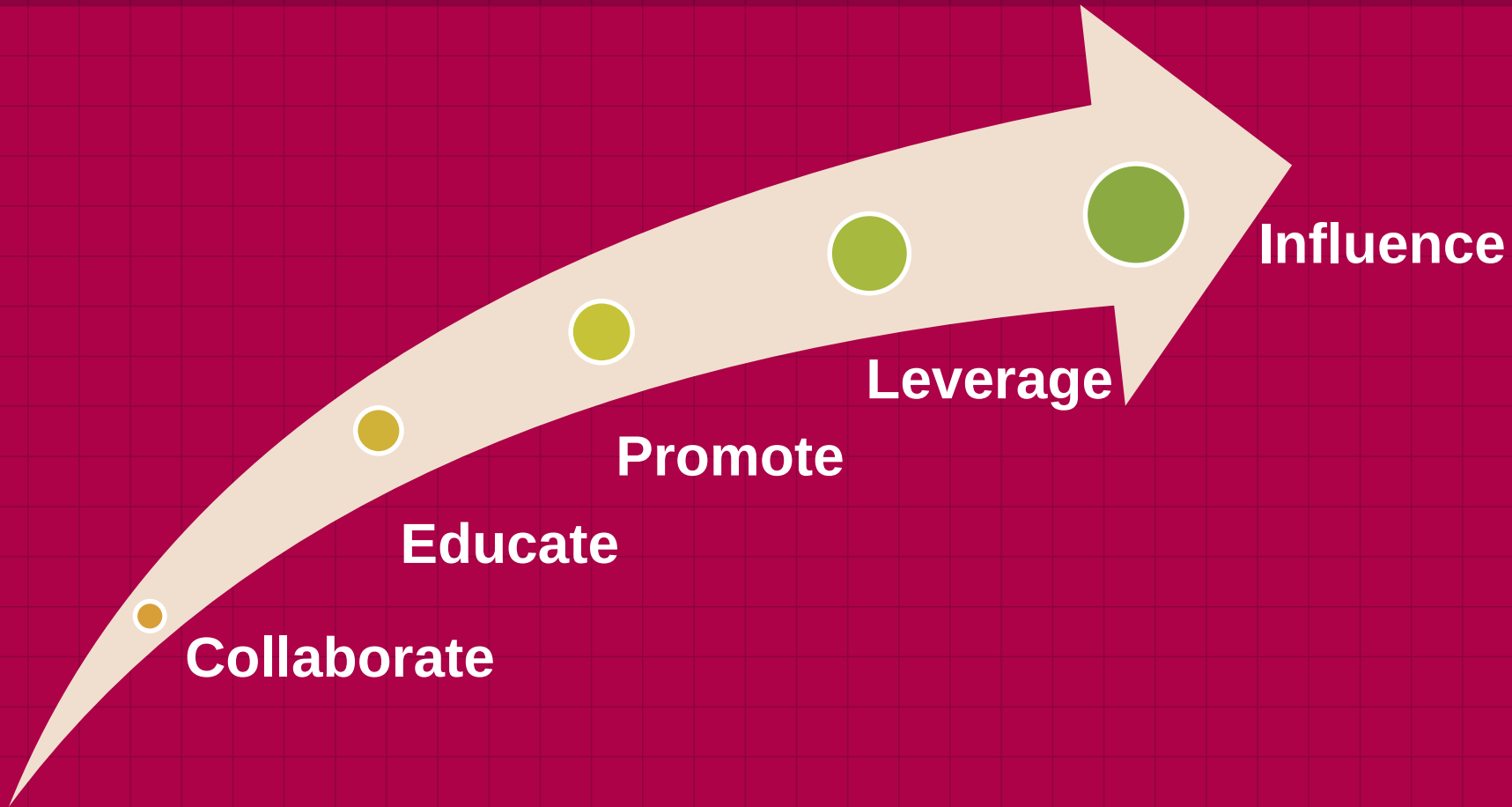
Evolution of APQI - India

Mr. Manas Kundu

Sept, 2019

India

PLAN



LEARNING FROM APQI – FOCUS AROUND 3 MISSIONS

A **Reference** for all PQ Matters in Asia

- A network of European /Asian PQ experts (standardization/ certification body participation)
- Leads appropriate PQ study (PQ Survey, PQ Regulation report)

Education & Training

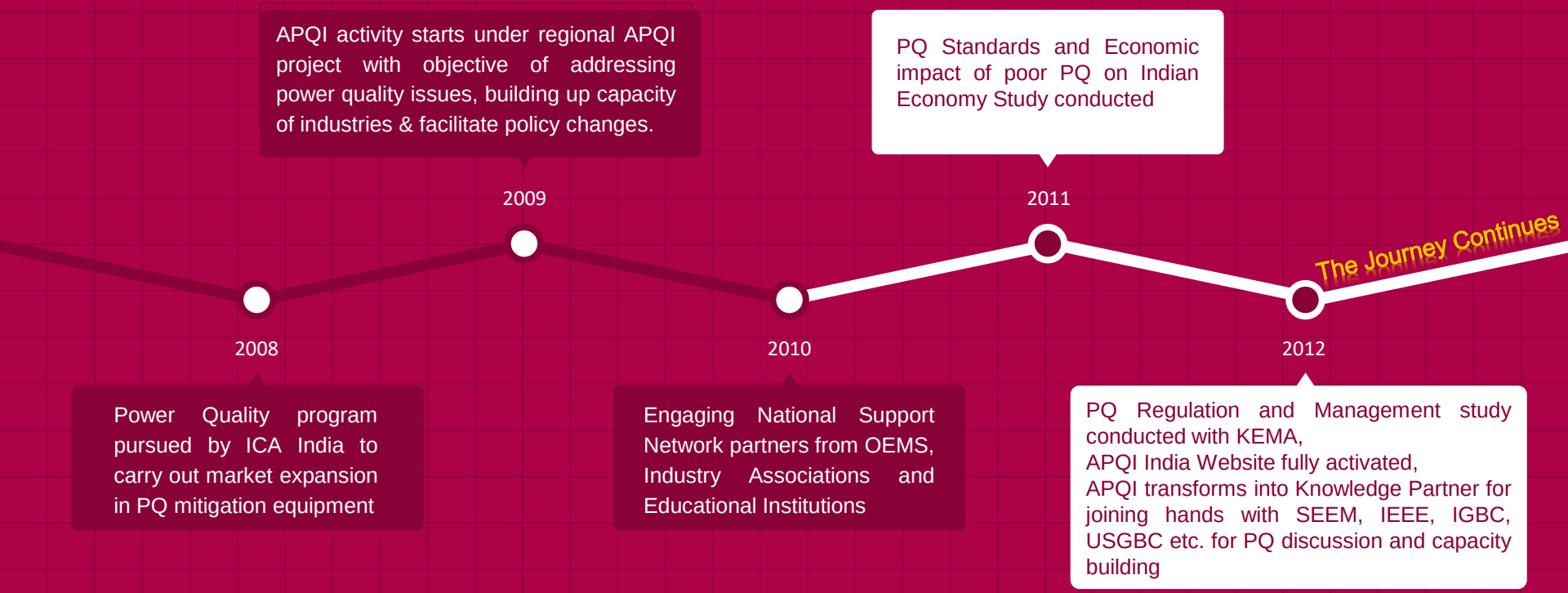
fine-tuned for Individuals

- Print publications
- Electronic library

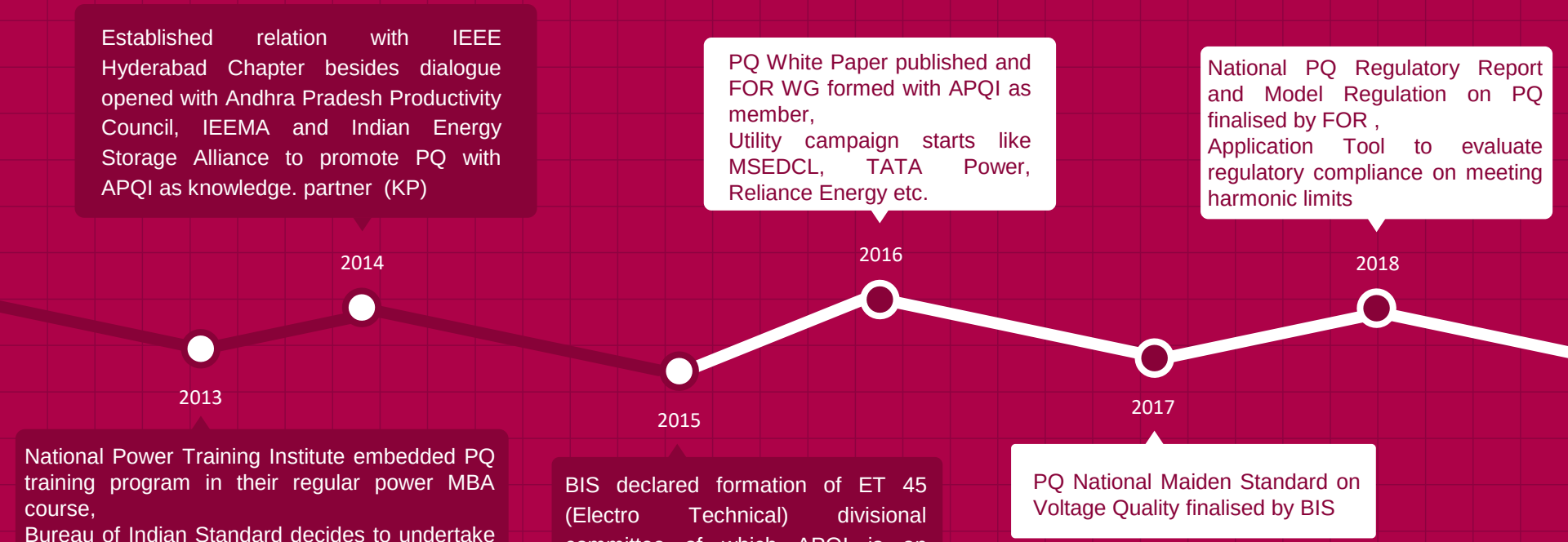
Lead the dynamic through adequate **knowledge management & E-dissemination**

- Website
- Forums
- Seminars
- Webinars

OUR JOURNEY – 2008 to 2012



OUR JOURNEY – 2013 to 2018



2013

National Power Training Institute embedded PQ training program in their regular power MBA course,
Bureau of Indian Standard decides to undertake national PQ Standard formulation,
APQI goes overseas like Srilanka, Bangladesh, Oman and engage in PQ awareness campaign

2014

Established relation with IEEE Hyderabad Chapter besides dialogue opened with Andhra Pradesh Productivity Council, IEEMA and Indian Energy Storage Alliance to promote PQ with APQI as knowledge. partner (KP)

2015

BIS declared formation of ET 45 (Electro Technical) divisional committee of which APQI is an initiating member, to formulate national Power Quality standards.

2016

PQ White Paper published and FOR WG formed with APQI as member,
Utility campaign starts like MSEDCL, TATA Power, Reliance Energy etc.

2017

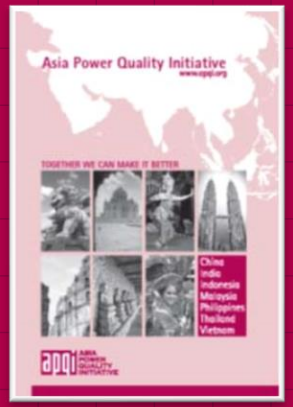
PQ National Maiden Standard on Voltage Quality finalised by BIS

2018

National PQ Regulatory Report and Model Regulation on PQ finalised by FOR ,
Application Tool to evaluate regulatory compliance on meeting harmonic limits

ASIA POWER QUALITY INITIATIVE

APQI LAUNCH & NSN PARTNERSHIPS IN PICS



APQI IN-HOUSE SEMINARS & CONFERENCE

ASIA POWER QUALITY INITIATIVE

INTERACTIVE WORKSHOP ON HARMONICS AND POWER QUALITY (PQ)

- Building Capacity
- Raising Awareness
- Facilitate Policy Advocacy
- An Initiative to facilitate Industry in addressing Economic Loss due to poor Power Quality

APQI - PQ CERTIFICATION OF AUDITORS

Group Picture of Participants in Four Day (28-29 Aug 2013) Residential Workshop on 'Advancements in Power Quality Improvement Techniques' organised under Asia Power Quality Initiative (APQI) – India at Poovar Island Resort Trivandrum – Kerala.

Sitting (Left to Right): Narsingh K, Sharma Y R, Dhal Bhabataran, Agarwal R M, Patil M A, Ms Mava Anandan, Prof Baggini Angelo, More Rahul, Rawala Yousuf Ali, Dr Rajasekaran V, Yadav K R, Panser Selvam S, Mishra R N.

Standing (Left to Right): Khan Rasheed, Gopalakrishnan A, Ranjit D, Sridharan P, Kundu Manas, Jayaprakash,Dr Singh Bhim, Harikumar R, Kumar Senthil M E, Vishnu Vijay, Narendran R, Dr Rao K Narasimha, Ravindran S, Manoharan T G, Maskery Ali, Jayapal R, Nair R Radhakrishnan, Ashok K M P, Bhanu C V K, Girish M N.

Certificate of Training

This is to certify that Mr. / Ms. _____ has successfully completed Four-Day Residential Workshop on

ADVANCEMENTS IN POWER QUALITY IMPROVEMENT TECHNIQUES

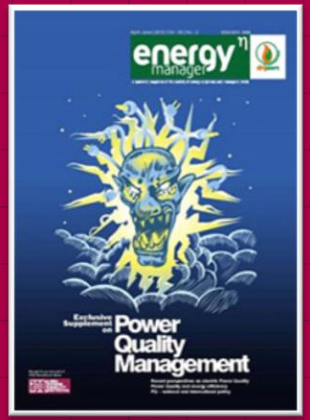
conducted by APQI INDIA CHAPTER from 26th August 2013 to 29th August 2013 at Poovar Island Resort, Kerala.

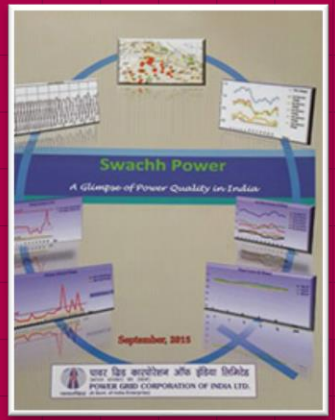
M A Patil,
Director FICCI

Manas Kundu
APQI India Coordinator

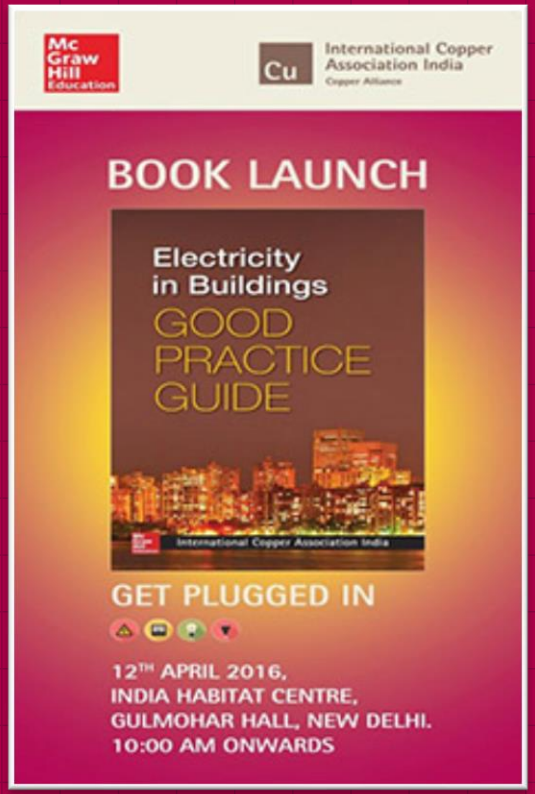
ASIA POWER QUALITY INITIATIVE

APQI STUDY REPORTS & RESOURCE MATERIAL





APQI APPLICATION NOTE & GOOD PRACTICE GUIDE



APQI CHANGE AGENT IN STANDARDS & REGULATIONS

Doc No.: ETD 01 (12059)
IS 17036 : 2018

भारतीय मानक
वितरण प्रणाली हेतु आपूर्ति शोभतता की गुणवत्ता

Indian Standard
Distribution System Supply Voltage Quality

ICS 29.240.01

FOR BIS USE ONLY

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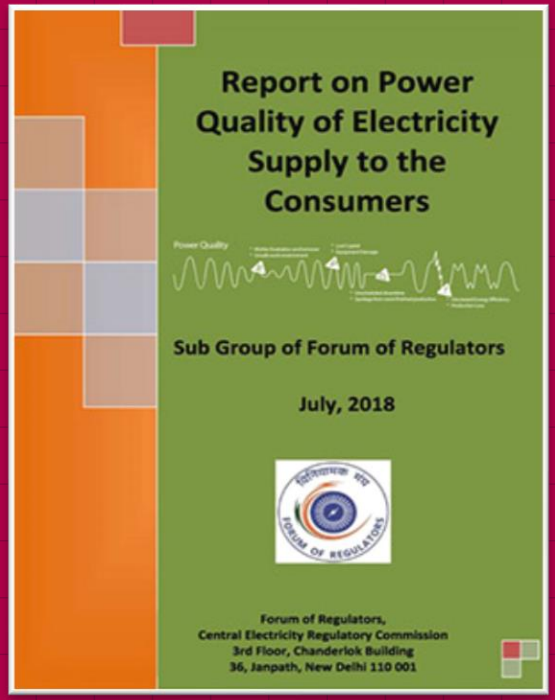
BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR
MARG NEW DELHI 110002

July 2018 Price Group



APQI WITH UTILITIES

APQI INTERNATIONAL JOURNEY

OUR YEARS IN NUMBERS

50+

Technical Blogs written

25+

Webinars conducted

54

Case Studies published till date

100+

Events conducted globally

3

Application Notes
(IT, Secondary Steel, Textile)

25+

PQ National / International Conference

24

Power Quality Management Seminars (2009-2012)

20+

PQ In-House Workshops (2016 onwards)

IMPACT AND HIGHLIGHTS

7000+

People Impacted by Physical Programs

9000+

People Impacted by Web-Based Platforms

Special Issues on Power Quality –

- ✓ PQ Management
- ✓ PQ and EE
- ✓ PQ and DSM
- ✓ Numerous Articles in Print Media

30+ National Support Network Partners

WEBSITE HIGHLIGHTS

7000+

Website Subscribers

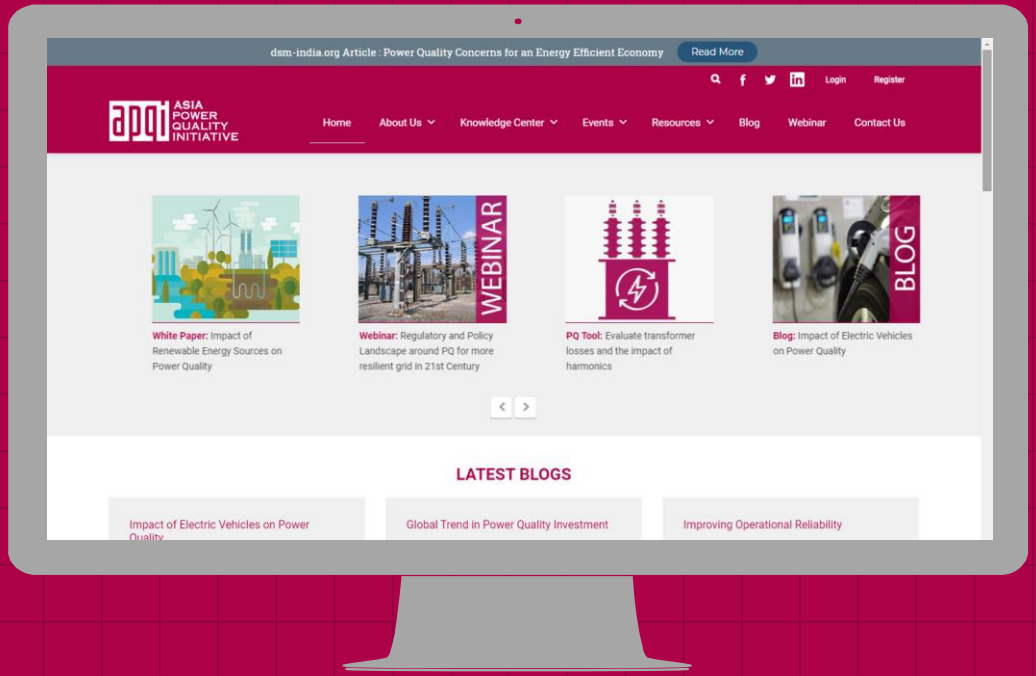
42%

Organic Searches

11%

New Users

Access Website Every Month



ASIA POWER QUALITY INITIATIVE

TURNED INTO A

POLICY ADVOCACY PLATFORM FROM AN EDUCATIONAL PLATFORM

THANK YOU

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