

# **LITES.ASIA MEETING**

**Beijing 22-23- June: 2010**

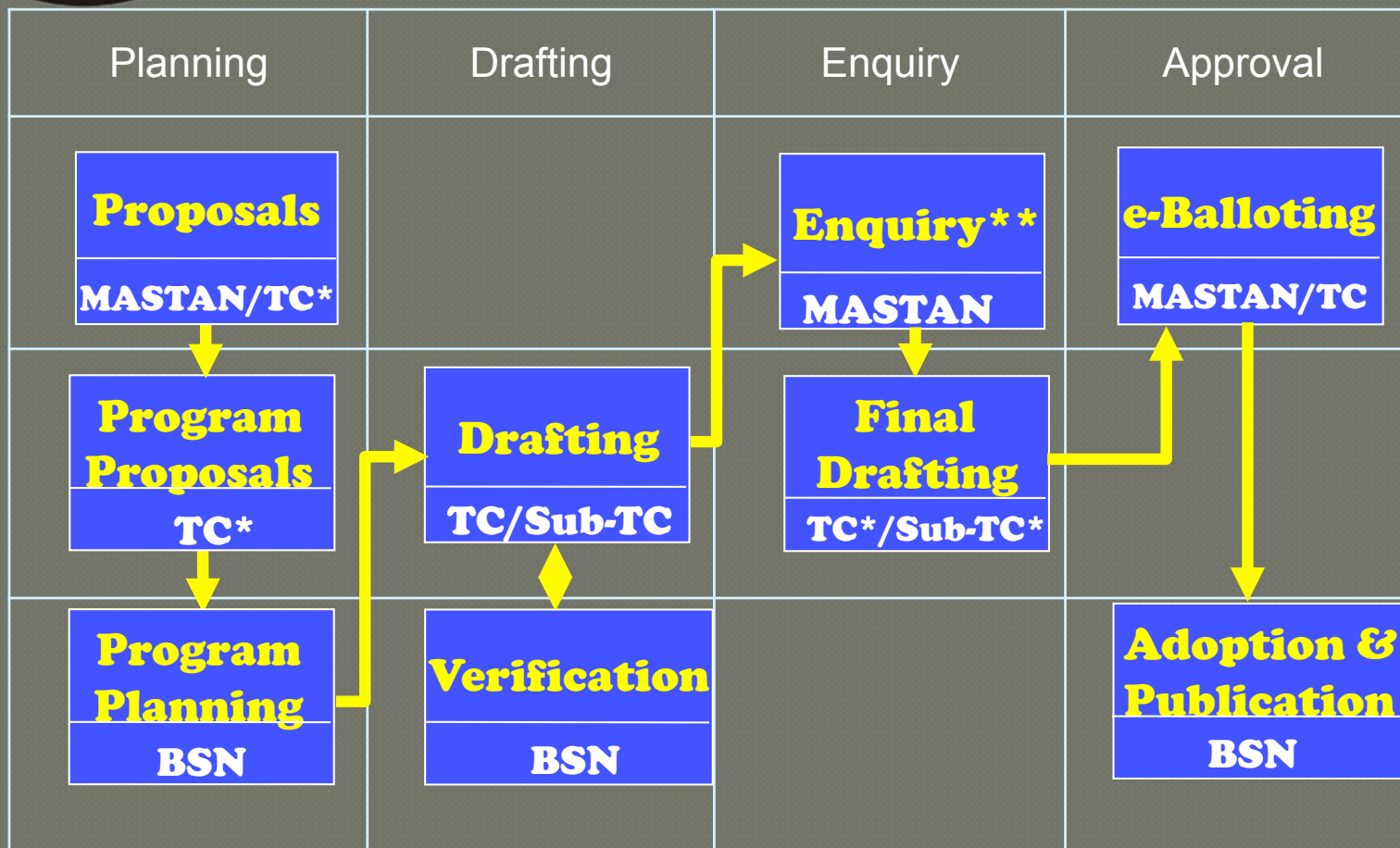
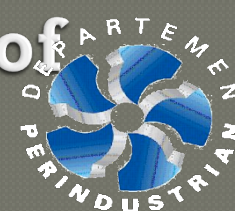
**INDONESIA**



**BEIJING 22-23 JUNE - 2010**



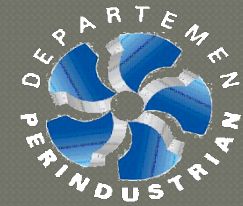
# Process Standard Development of CFL/LED Products



Note : \* : TC consist of Ministry of Industry and Ministry of Energy and Mineral Resources  
 \*\* : Enquiry is not needed if the standard adopted identically



## PLANNING OF SNI PROGRAM



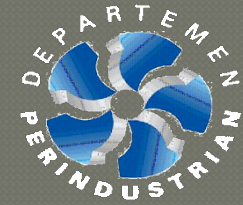
- Technical committee (MOI /MEMR) inform their proposal of SNI Program to BSN, in this case BSN will verify the priority toward from regional/ international committee (input from stakeholder ) and analysis market need.
- BSN will check for duplication and relevancy of TC/STC. BSN will study the Program suggestion and applied/approval and re-inform by secretariat of BSN to technical committee to be conduct SNI development process. If necessary there will be further coordination between BSN and related TC if there anything that need to be clarified.
- SNI Program Planning will be input to SISNI and notificated to ISO secretariat.

## DRAFTING OF CD-SNI

- Drafting of CD-SNI will be done by technical committee or sub-technical committee.
- Technical committee in developing CD-SNI can form STC that consist of experts.
- Based on Program, BSN will coordinate with TC/STC time schedule secretariat to assign QC officer, prepare necessary references and give the authorities to expert as QC officer.
- In the process of the CD-SNI development, Technical committee has to supply or has have the editor team.
- CD-SNI as the result of consensus meeting informed to BSN by technical committee for enquiry stage / e-ballot
- BSN will keep the consensus record from related CD-SNI and input to SISNI to conduct e-balloting.



# CONTROLLING SNI DEVELOPMENT PROCESS



- BSN will coordinate with technical committee about application planning technical committee and consensus meeting.
- BSN will give task to expert as ( QC officer) to control ( monitor, supervise) the development process in the stage of technical meeting and consensus meeting.
- QC officer will make reports to BSN about the standard development process and the discussion that happened during the meeting, such as representation of stakeholder or how the discussion was going
- BSN will verify , coordinate and give corrective actions

## ENQUIRY

Draft for committee and MASTAN comment is sent to SISNI for 8 weeks. All comments are considered in detail and if necessary correction is made.

MASTAN is Standardization Society



BEIJING 22-23 JUNE - 2010



# APPROVAL

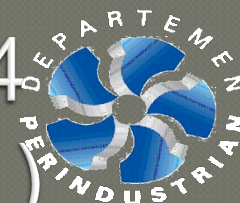


- The Committee and MASTAN then votes the final draft to demonstrate substantial agreement
- Approval/ adoption is given by chairman of BSN on behalf of committee and then standard is ready for publication.





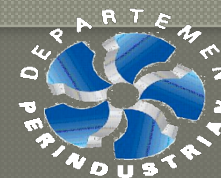
# Participation on IEC -TC/SC 34 ( Lamps and related equipment )



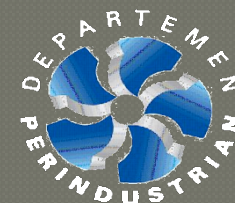
Activities	O Member	Position
NP submission vote	X	Indonesia as O member by IEC/TC 34  Indonesia Technical Committee related to CFL / LED products is PT 31-01 : Electronic for home appliances
WG participation		
TC/SC meeting	X	
CD comments Acceptance as DIS	X	
Enquiry (DIS/CDV) vote	X	
Approval (FDIS) vote	X	



# LIST OF STD FOR CFL LAMPS



No	Standard	Title	Reference
1	SNI 04-0133-2000	Glow starter for fluorescent lamps	IEC 60155 (IDT)
2	SNI 04-0527-1989	Glass pipe for tubular lamps	-
3	SNI 04-3559-1999	Tabular fluorescent lamps for general use	IEC 6081 (Mod)
4	SNI 04-3561-1994	AC fluorescent lamps ballast	-
5	SNI IEC 60901-2009	Single capped fluorescent lamps-Performance spesification	IEC 60901 (IDT)
6	SNI IEC 60929-2009	AC supplied electronic ballast for tubular fluorescent lamps-Performance requirements	IEC 60929 (IDT)
7	SNI IEC 61195-2009	Double-capped fluorescent lamps-safety specifications	IEC 61195 (IDT)
8	SNI IEC 61199-2009	Single-capped fluorescent lamps-safety specifications	IEC 61199 (IDT)
9	SNI 04-6917.1-2002	Ballast auxillaries for discharge lamps Part:1 General requirement	IEC 60922 (Mod)
10	SNI 04-6506-2001	Lamps holder for tubular fluorescent lamps and starter holder	IEC 60400 (IDT)



# LIST OF STD FOR CFL LAMPS

No	Standard	Title	Reference
11	SNI 04-6504-2001	Self ballasted lamps for general lighting service- Safety requirement	IEC 60968 (IDT)
12	SNI IEC 60969-2009	Selb ballasted lamps for general lighting services-Performance requirements	IEC 60969 (IDT)
13	SNI 04-6509.1-2001	Ballast for turbular fluorescent lamps : General and safety requirements	IEC 60920 (Mod)
14	SNI 04-6510-2001	Ballast for turbular fluorescent lamps- Performance requirements	IEC 60921 (Mod)
15	SNI 04-6393-2000	Fluorescent lamps system with PV modul power supply-Requiemant and performance test procedure	EN 50316-3 ( Mod)
16	SNI 7397-2008	LED signal lamps on the trains	-



