



MINUTES OF GLA BOARD MEETING

The Lighting Industry Association
Stafford Park 7, Telford, United Kingdom

11 – 12 March 2019

1. ATTENDEES

Russell Loane	Chairman	LCA
Chen Yansheng		CALI
Wen Qidong		CALI
Tadashi Yanagi		JLMA
Masayuki Yasufuku		JLMA
Takeshi Saito		JLMA
Bryan King		LCNZ
Ourania Georgoutsakou		LE
Peter Hunt		LE
Frank Hohn		LE
Maurice Maes		LE
Pekka Hakkarainen		NEMA
Karen Willis		NEMA
Michael Ng		TLFEA
Chris Chen		TLFEA
Jan Denneman		Honorary Ambassador (Day 1)
Wolfgang Andorfer		Invited representative
Bryan Douglas		Secretary General (LCA)

Apologies

Isac Roizenblatt	ABILUX
Wang Zhuo	CALI
Kiyooki Uchihashi	JLMA
Chris Byrne	LCNZ
Gerald Strickland	MELA

2. CODE OF CONDUCT

Members were reminded of their responsibilities under GLA's Code of Conduct:

- All activities of the GLA shall be lawful in all jurisdictions represented by GLA's respective Members.
- Exchange of information shall be limited to implementation of the objectives of the GLA.
- Members do not exchange sensitive business information on any competitive matter.
- Members do not engage in anti-competitive behaviour.

- Meetings between GLA Members shall be for a demonstrable purpose, clearly identified in a written agenda and reported in minutes, and for common sharing of knowledge and any other information in line with the GLA's objectives.

3. INTRODUCTIONS AND WELCOME TO NEW MEMBER LIGHTING COUNCIL NEW ZEALAND

Russell Loane extended a warm welcome to all meeting participants, and in particular to new member Lighting Council New Zealand. Delegates introduced themselves. Tadashi Yanagi announced that he would shortly be retiring and that this is likely to be his last meeting. At the conclusion of the meeting Bryan Douglas thanked Tadashi Yanagi for his strong commitment to GLA and for his valuable assistance to the Secretary General.

Russell thanked Peter Hunt and LIA for hosting the meeting.

Russell went on to say that this meeting has the potential to re-shape GLA, with important presentations from several members. He said that incorporation – also on the agenda – will give added legitimacy to GLA.

4. CONFIRMATION OF AGENDA

The circulated agenda was confirmed.

5. MINUTES OF GUANGZHOU BOARD MEETING

Minutes from the previous Board meeting held on 11 & 12 March 2018 were approved.

Moved: Maurice Maes

Seconded: Ourania Georgoutsakou

6. BUSINESS ARISING FROM MINUTES

Nil.

7. FINANCES

a. Accounts

Members noted a Profit & Loss Statement circulated with the agenda showing a bank balance at the end of January 2019 of AUD\$176,104. Additional website costs are expected to be around \$10,000. Two 2018 membership fees are outstanding. Payment (approximately \$4,200) is expected by the end of March.

b. 2019 membership fees

It was AGREED to discuss 2019 fees under Agenda Item 22.

8. WORKSHOP: 'THE FUTURE OF THE LIGHTING INDUSTRY, CALL FOR ACTION'

The workshop convenor, Jan Denneman, introduced the topic. He conducted an informal Net Promoter Score exercise on the meeting room's lighting. He then listed the problems facing the lighting industry today, including:

- Listed companies are not doing well financially.
- Lighting seems unimportant for users.
- Customers make purchasing decisions on the basis of cost savings.

Members proceeded to deliver presentations on the state of their respective lighting industries and what GLA can do to assist member companies. Comments included:

- Lighting business is not particularly good – small companies in particular are suffering, market is price-driven
- Lack of progress implementing smart lighting into smart cities program
- HCL market practically non-existent
- Membership churn (companies leaving the association, others coming in)
- Major challenge in many regulations that are poorly enforced
- JLMA has released Lighting Vision 2030 to support industry. Priority issues are 1) Responding to paradigm shifts through 'Connected Industries' 2) Improving light quality and contributing to SDGs 3) Responding to globalisation and borderless economy
- Circular economy is a major trend
- Too many rules, poorly enforced
- GLA members can learn from each other – market trends, technical information, customs codes, etc.
- GLA can assist with regulations and standards – particularly on IEC TC34 matters
- GLA needs to be better resourced – increase revenue by increasing subscriptions or company sponsorship
- Strategic Roadmap is a good start – however needs more resourcing, supporting materials etc
- Improve coordination and notification on important regulatory roll-outs (e.g. Minamata)
- Implement GLA action plan to develop and roll out strategy (e.g. material to support HCL, visible light communication, market expansion ideas, education material etc.)

Jan summarised member responses and proceeded to discuss recent important breakthroughs in lighting, including LEDs and intelligent lighting systems. He suggested the most important breakthrough was the discovery of the non-visual path for light and the implications this holds for human health and well-being. This important breakthrough provides a new paradigm for growth of the lighting industry, as considerably more light is needed to achieve 'nutritional lighting'. Jan went on to say that the global lighting industry can evolve from one characterised by customer focus and sales based on 50-500 lux and low cost/long-lifetime, to a future industry characterised by user focus, sales based on periodic light levels of 2000-5000 lux and nutritional lighting. He said that for industry to realise this goal it must focus on the value of lighting rather than cost.

Comments/questions in the discussion which followed included:

- Do we have the studies to prove the productivity and other benefits flowing from HCL?
- It is difficult for industry alone to communicate the benefits of HCL/nutritional lighting, as it will be seen by many as self-serving. Champions in the scientific community are needed before real progress can be made.
- Considerable institutional barriers currently exist in the form of technical standards, regulations and building codes.
- Increasing light levels periodically to 2000-5000 lux will have considerable energy implications.
- Industry is in survival mode which makes it difficult to focus attention on the bigger picture of doubling the size of the market.

- GLA needs to get different groups together to promote this new paradigm. We should not simply 'play by the rules'. We need to be more revolutionary, we need to re-think.
- Industry needs to be more innovative in its thinking, rather than everyone doing the same thing.

Discussion was suspended at this point. It was AGREED that members would consider the issues arising from the workshop further and resume discussion on Day 2. Jan, who was unable to stay for Day 2, was thanked for attending and leading the workshop.

Day 2 Workshop Discussion

With Jan's agreement, the Secretary General presented information on the GoodLightGroup, a non-profit public private cooperation established by Jan with the primary objective of 'promoting the use of attractive, pleasant and sustainable nutritional light in buildings.'

Before his departure Jan prepared a presentation with the following proposals:

Proposed action 1 – give users nutritional light (HCL), get rid of biological darkness indoors

Proposed action 2 – define the next strategic challenges for the industry at a global level

Proposed action 3 – GLA Strategic Roadmap Deployment

Proposed action 1

Members AGREED that GLA should support the GoodLightGroup, rather than attempting to undertake proposed tasks in-house. It was felt that an external non-profit organisation would have more credibility taking the lead on nutritional light. There was no discussion on what form support would take.

Proposed action 2

It was AGREED that the discussion during various agenda items on Day 1 provided a good basis for defining GLA activities.

Proposed action 3

It was AGREED that members should seek opportunities to present and promote the Strategic Roadmap. A good way of doing this was to put speaker proposals to conferences and seminars.

9. IMPLEMENTATION OF STRATEGY ROADMAP

Covered under Agenda Item 8.

10. HONORARY AMBASSADOR'S REPORT

A detailed report circulated by Jan Denneman before the meeting was noted. Jan added the following comments:

- GLA's Roadmap is an excellent platform around which to plan events.
- GLA has produced a new colour saturation index.
- CIE has stated that it wishes to strengthen its relationship with GLA. It was suggested that GLA have a presence at the June CIE meeting.
- GLA has been invited to the next TiL conference in Bregenz in September.

11. UPDATE ON U4E PROJECT ON MODEL REGULATIONS

Maurice Maes delivered a U4E presentation. U4E's Model Regulation Guidelines are intended to help inform regulatory authorities and policy makers in developing and emerging economies. They set a minimum efficiency floor to prohibit sales of inefficient products. A range of stakeholders, including governments, manufacturers and environmental groups contributed to the Model Guidelines on general service lamps. GLA endorsed the Guidelines.

The next lighting project covers linear lamps. Maurice suggested GLA member organisations become involved.

ACTION: Maurice Mayes to share material on U4E Model Regulation Guidelines for Linear Lamps when available.

ACTION: Secretary General to invite members to join a working group to provide input to the Model Regulation Guidelines for Linear lamps.

12. PROPOSAL FOR CHANGE TO GLA'S STRUCTURE

Maurice Mayes spoke to a proposal for GLA to change its structure to a hybrid model similar to that of LightingEurope. He said that participants in GLA discussions may be from a globally operating company, but their participation is on behalf of a regional association. This can make it difficult for a representative to bring matters to the GLA, as there may be little interest in the topic at a regional level.

Maurice went on to state:

- Associations of associations have credibility, but often lack funds and resources.
- Associations of companies typically have more funds and resources, but sometimes lack credibility.
- Hybrid associations can bring both benefits to an association.

ACTION: Maurice Mayes and Secretary General to circulate a proposal for a hybrid model of operation for GLA involving both companies and national/regional associations.

DAY 2

Day 2 commenced with a laboratory tour at LIA's Telford facilities.

13. GLA GOVERNANCE

a. *Proposal for incorporation in Switzerland*

A paper proposing incorporation of GLA in Switzerland was circulated with agenda papers. The paper replaces an earlier version proposing incorporation in Belgium.

Bryan Douglas delivered a presentation outlining the arguments in favour of incorporation. He went on to summarise the advantages and disadvantages of locating GLA in Singapore, Belgium and Switzerland:

Singapore

Advantages:

- Geographical location in the heart of Asia
- Progressive economy
- Strong legal framework, rule of law
- 'Company limited by guarantee' possible - liability of members limited
- Suitable for not-for-profit industry association

Disadvantages

- At least one Director and Company Secretary must be Singapore residents
- Ongoing costs to administer
- Possible loss of control

Belgium

Advantages

- LightingEurope incorporated in Brussels
 - Experience with Belgium law and processes
 - May assist perceptions if GLA incorporated in GLA member state
- No requirement for local residency
- Limited liability of members
- Strong and stable economy, rule of law

Disadvantages

- Possible negative perceptions by non-LightingEurope members
- Process of incorporation comparatively complex
 - formal submission of Articles of Association to Ministry of Justice for recognition by Royal Decree
 - may take up to four months

Switzerland

Advantages

- Incorporation is straightforward, relatively simple
- Strong economy, rule of law
- Limited liability of members
- Because of its history of neutrality, Switzerland is a truly 'global' and neutral location

Disadvantages

- Doing business in Switzerland can be costly

Following a brief discussion it was AGREED:

1. The decision taken at the June 2018 meeting to incorporate GLA was confirmed.
2. Subject to taxation and other costs being within reasonable limits, incorporation to take place in Switzerland.
3. The future Executive Committee (Board of Directors) to consist of one representative from each Full Paying Member and the General Assembly to consist of one or more representatives from Full Paying Members and Associate Members (voting rights to be proposed in draft Articles of Association for consideration).

4. GLA's Secretary General, in conjunction with LightingEurope's Secretary General, to undertake preparatory work including consideration of whether specialist Swiss legal advice is necessary, drafting an Articles of Association and examining banking, taxation and legal liability insurance options.
5. A Board sub-committee (Incorporation Sub-Committee) to be established empowered to progress incorporation consisting of:
 - Bryan Douglas (Convenor)
 - Ourania Georgoutsakou
 - Peter Hunt
 - Michael Ng
 - Karen Willis
 - Russell Loane (*ex officio*)

Karen Willis said that NEMA has a process for conducting electronic voting. It was AGREED to implement electronic voting during the formal process of incorporation on matters such as adopting an Articles of Association, noting that electronic voting obviates the need for a special face-to-face meeting.

ACTION: GLA's Secretary General, in conjunction with LightingEurope's Secretary General, to undertake preparatory work on incorporation.

ACTION: The Incorporation Sub-committee to take all necessary steps to progress incorporation.

ACTION: Karen Willis to provide the Secretary General with NEMA's electronic voting methodology.

b. Governance Manual

It was agreed at the last meeting to strengthen governance by way of a Governance Manual. Russell Loane presented a list of topics that may be included. However, he said that it would be premature to produce such a document until incorporation had taken place.

It was AGREED to proceed with either a Governance Manual or company By-laws after incorporation.

14. PROPOSAL FOR GLA TO EXPAND REPRESENTATION TO INCLUDE AUTOMATIVE LIGHTING SECTOR

Wolfgang Andorfer proposed that GLA broaden its representation to include automotive lighting, citing the following:

- many of our members are already active in automotive lighting
- new players are entering the sector
- automotive lighting is undergoing important changes
- the trend to E-Mobility and autonomous driving are dramatically increasing the focus on interior automotive lighting.
- the integration of lighting and electronics is opening new possibilities (projected switches for example)

Wolfgang went on to propose that GLA also expand its activities beyond general lighting to become involved in LiFi and/or the LiFi Alliance.

Chen Yansheng said CALI was in favour of GLA representing the automotive lighting sector.

ACTION: Wolfgang Andorfer and Secretary General to prepare a paper further outlining the proposal for GLA to represent automotive lighting.

ACTION: Each member to consider whether GLA should expand its representation to include automotive lighting and advise the secretariat.

ACTION: Secretary General to include LiFi representation/involvement on agenda for the next meeting.

15. UPDATE ON PROPOSAL TO ENCOURAGE ESTABLISHMENT OF A SE ASIA LIGHTING ASSOCIATION

Russell Loane reported that he had undertaken some preliminary investigation of this matter. He said that current geopolitical issues in the region made the formation of an association difficult. Singapore and Malaysia have broad-based electrical associations which include lighting. He said that if a regional association were to succeed it would need to have a cross-section of local members.

ACTION: Members to provide Secretary General with names of lighting companies in SE Asia which may assist formation of a regional association.

16. COUNTRY/REGION REPORTS

All members present delivered a report. JLMA tabled its new publication *Lighting Vision 2030*. Bryan King introduced LCNZ and the New Zealand market. Reports were given on behalf of ABILUX and MELA.

Country/region reports were circulated shortly after the meeting.

17. REVIEW OF GLA'S NEW WEBSITE

Members reviewed GLA's new website (still in draft form). Comments at the meeting and subsequently included:

- Too many 'moving parts' on home page
- Website needs a mission statement
- Statement 'Regulatory focus needs to switch from energy efficiency to quality of light' needs amendment

Members discussed who should receive access to Members Only documents. It was AGREED that a dual access system be introduced where only Board members receive access to documentation associated with Board meetings (agendas papers and minutes), and that remaining documentation in the Members Only area be made available to others at the discretion of GLA member organisations.

ACTION: Members to further review the website and advise the Secretary General of any suggestions for revisions by 19 March.

ACTION: Secretary General to incorporate amendments after agreement and arrange for new website to go live.

18. HS CODES COMMITTEE REPORT

Members noted minutes of the last meeting circulated with agenda papers.

19. ENVIRONMENT COMMITTEE REPORT

a. Implementation of Minamata Convention on Mercury

It was reported that Lighting Council Australia has requested implementation dates for the Minamata Convention in each member country/region. A column has been added to the 2019 Regulation Survey for this purpose.

b. Circular economy

It has previously been agreed to leave this item on the agenda for any relevant reports. It was noted that this is becoming a significant issue in Europe.

c. Blue light hazard

GLA published a position paper on blue light hazard in 2012 (*Optical and Photobiological Safety of LED, CFLs and Other High Efficiency General Lighting Sources*). It was AGREED that a working group led by Bryan King be formed to review the paper and propose revisions where necessary.

ACTION: Bryan King to lead a working group with responsibility for re-writing GLA's blue light hazard paper.

ACTION: Working group to provide input to U4E's Model Regulation Guidelines on linear lamps.

20. CORRESPONDENCE

Members noted correspondence circulated with the agenda.

21. LIGHTING REGULATION SURVEY

Members were reminded to submit completed surveys as soon as possible.

22. MEMBERSHIP MATTERS

a. Review of Associate Members

GLA's Charter states:

The Board shall endeavour to transition Associate Members to Regular Members in the shortest possible time, having regard to the circumstances of the individual Associate Member. Accordingly the status of each Associate Member will be reviewed by the Board no later than two years after the Associate Member was first admitted as a Member, or no later than two years since the last review.

It was AGREED to make a determination on the membership status of GLA's two Associate Member, ABILUX and MELA, at the next meeting.

ACTION: Secretary General to advise ABILUX and MELA of a forthcoming determination on their membership status and invite their comments before the next Board meeting.

b. Membership fees

It was AGREED that 2019 membership fees will be as follows:

Regular (Full) Member - €3,300

Associate Member - €1,000

ACTION: Secretary General to invoice 2019 membership fees.

23. OTHER BUSINESS

Nil.

24. NEXT MEETING

Subject to confirmation from JLMA, it was AGREED that the next meeting will be in Tokyo on 5-6 December 2019.

ACTION: Secretary General to confirm details of next meeting when available.

Secretary General's note: JLMA has confirmed its willingness to host the next meeting. Accordingly, it will be held in Tokyo on 5&6 December 2019.