# Grau Grey Gris
## Data. Sources. Literature. Libraries. Information.

## Claudia Lux

IFLA President

GL 9 Antwerp "Grey Foundations in Information Landscape"

# Grey,
# my friend,
# is every
# theory.

# Goethe: Faust

# 'Grey Literature' Theory

- ## Definition by Dominic Farace and GL

  - "Information produced on all levels of government,
  - academics, business and industry in electronic and
  - print formats not controlled by commercial publishing
  - *i.e. where publishing is not the primary activity*
  - *of the producing body*",

- ## List of Sources in Greynet

- ## From Grey Literature to Grey Sources

Zentral- und Landesbibliothek Berlin

IFLA

# Grey literature multilingual

- 1.960.000     grey literature.
- 1.520.000     litérature grise.
- 1.270.000     graue Literatur
- 1,080,000   灰色文献灰色文献
-    692.000     letteratura grigia.
- …     **(Google hits, 08.12.07)** 项

IFLA

Zentral- und Landesbibliothek Berlin

网页　图片　视频　资讯　地图　更多 »

Google

灰色文献

Google 搜索　高级搜索 | 使用偏好

○ 所有网页　○ 中文网页　○ 简体中文网页　○ 中国的网页

网页　　　约有1,080,000项符合**灰色文献**的查询结果，以下是第1-10项　（搜索用时 0.31 秒）

**灰色文献**浅谈| 丁香园- 医学、药学、生命科学专业人士的网上家园
谈到这些，不由让我将与灰色检索很相近的一个文献专业词语 "灰色文献" 联系到一起，呵
呵，它们可不是一回事。由于对其感兴趣，因此，列出这个话题与感兴趣的战友讨论一下 …
www.dxy.cn/portal/knowledge/5/27.html - 20k - 类似网页

**灰色文献**的情报价值与开发利用的措施
灰色文献，一般指通过常规的出版流通途径或一般的查阅方法难以获得的、有使用价值的各种
知识信息载体，又称特种文献或内部资料。它是当前国内外图书情报界公认的重要 …
www.fjinfo.gov.cn/publicat/qbts/011/2.htm - 10k - 类似网页

检索新名词－ "**灰色文献** " 检索方法探索网上读书园地论坛- powered by …
"灰色文献" (gray literature)是对一组特殊类型的文献的总称，目前还没有一个明确的定义，
种称谓也很多，如非正式出版文献(non-publication literature)、非常规 …
www.readfree.net/bbs/simple/t187134.html - 8k - 类似网页

网际网路的- 繁 - [ 转为简体网页 ]
灰色文献存在已久，早在1920年代已有书面记载。如今因应学者专家的资讯需求，且借 … 然
而灰色文献虽公开发行，但出版消息取得困难等的特性，导致搜集不易，因此有关 …
www.lib.ntu.edu.tw/pub/mk/mk49/mk49-02.htm - 14k - 类似网页

重视**灰色文献**的开发与利用-作者:宿鹏
随着信息时代的到来 情报工作日渐重要 灰色文献作为一种重要的情报来源 往往被人们忽视 灰

and spanish,
and polish,
and danish,
and russian,
and hindi ....

Internet　100%

IFLA

Zentral- und Landesbibliothek Berlin

# The Impact of Grey...

(From the Druckmuseum Graz)

- old
- dull
- trist
- neutral
- serious
- unknown
- insignificant



Foto: Bodoklecksel Gnu-Licences

IFLA

зentral- und Landesbibliothek Berlin

# Many Librarians...

- buy hard-covered books only

- do not acknowledge a value for grey literature

- are not comfortable with grey sources

- hate difficulties in grey literature acquisition

- have problems with the use of grey literature.

Claudia Lux : Grey GL9 07    Zentral- und Landesbibliothek Berlin
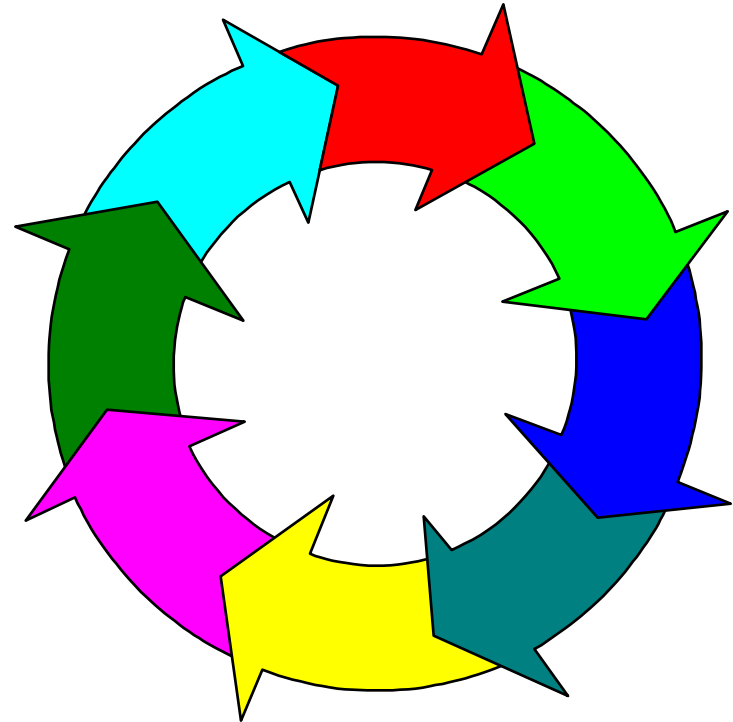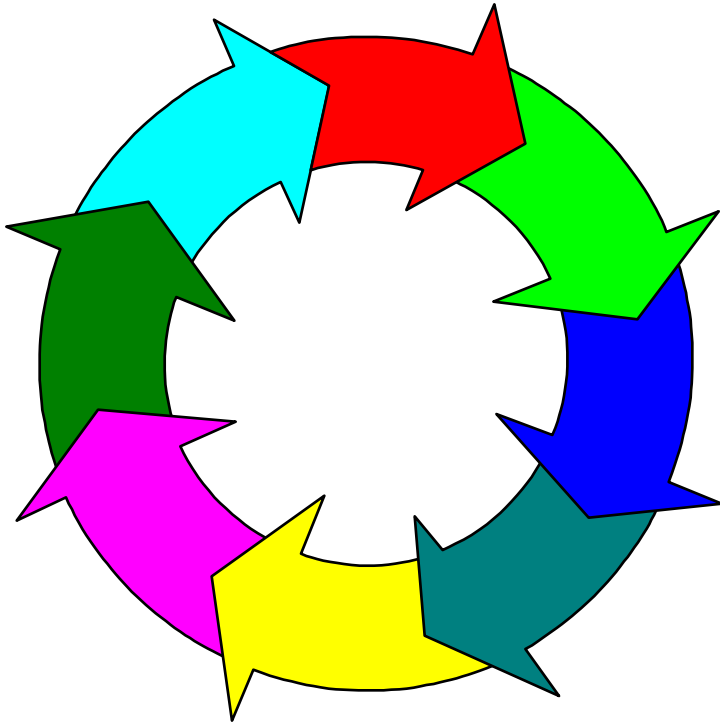
IFLA
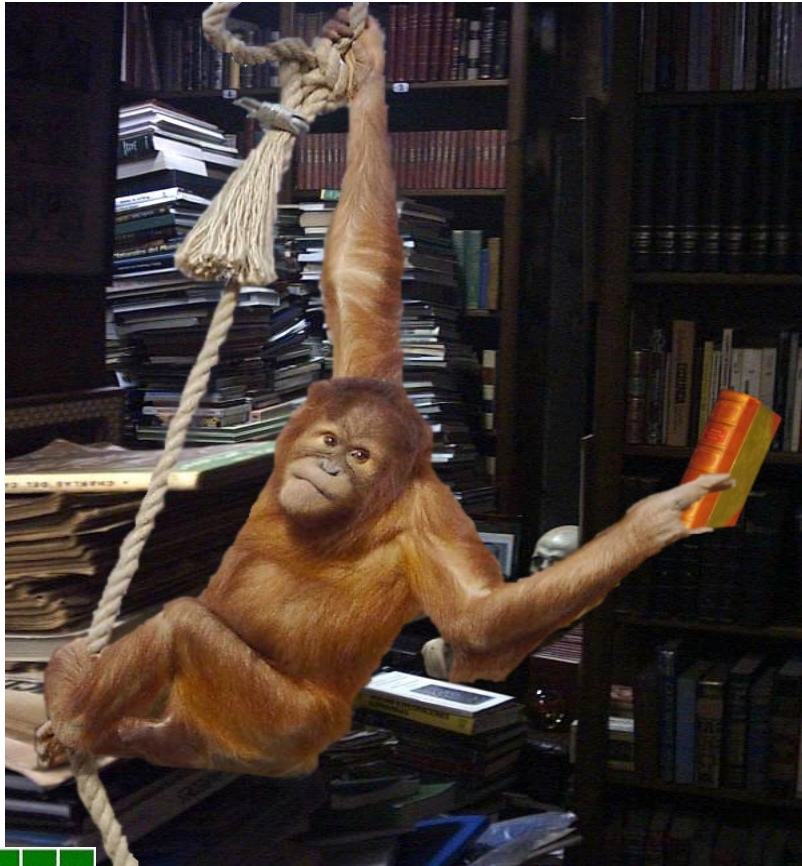
# Why ?

Grey Literature is

- difficult to order
- difficult to catalog
- difficult to file
- difficult to search
- difficult to access
- difficult to preserve

IFLA

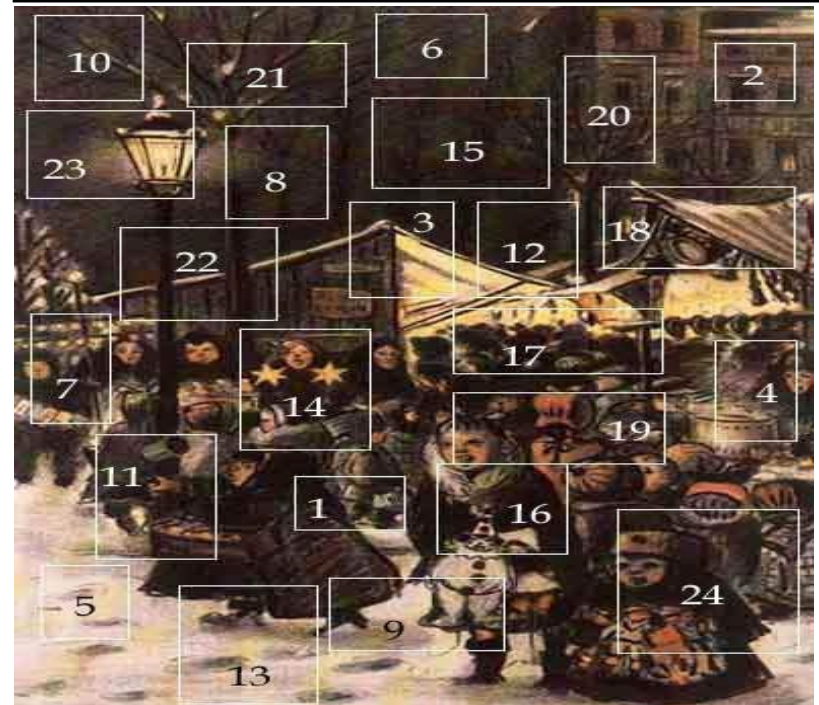# Shades of Black and White against the colour of for-profit-publishing?

# Libraries create Grey Literature

Full text

Advent- Calendar
Pictures and history behind each number



**IFLA**
**Art Libraries Section**
Special Libraries Division

**Newsletter**
53 (2003, No. 2) ISSN 0261-152X

BUENOS AIRES 2004

Zentral- und Landesbibliothek Berlin

# 20th Century
# More Scientists than ever before



- 17th Century          1 Million
- 1950                      10 Million
- 2000                    100 Million

and more publications....

Since the 17th Century the Amount of published information has doubled every 10 - 20 years

# Worldwide production of original information, if stored digitally, in terabytes circa 2002.

| Storage Medium | Upper Estimate |
|---|---|
| Paper | 1.634 |
| Film | 420.254 |
| Magnetic | 5.187.130 |
| Optical | 103 |
| **Total** | **5.609.121** |

Zentral- und Landesbibliothek Berlin

5   exabytes of new information in 2002

92 %      on magnetic media / hard disks

August 2005:   5 million web servers
April 2006:                35,3 million blogs

Zentral- und Landesbibliothek Berlin

# this was yesterday...

- yesterday

Zentral- und Landesbibliothek Berlin
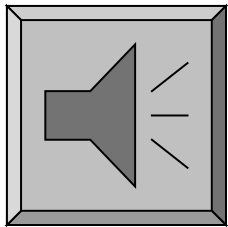
# Libraries and Information Institutions are Engines for the Knowledge Society of the 21st Century

Electronic Library
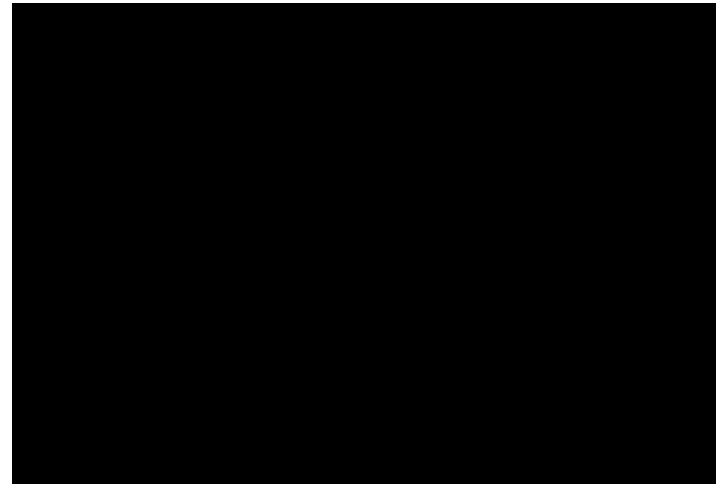
Electronic Library

Virtual Library

Digtial Library

Digital Library

Hybrid Library

Zentral- und Landesbibliothek Berlin

IFLA

# Grey Sources - All Formats for the Knowledge Society

- CD, CD-ROM, DVD
- Electronic Database
- E-Journals
- E-Books
- Files
- WWW
- Digital Objects

Zentral- und Landesbibliothek Berlin

IFLA

# New Grey Sources ?

Search technology will include the ability to search for such attributes as taste, smell, texture, reflectivity, opacity, mass, density, tone, speed, and volume. (Fey, Da Vinci Institute)

IFLA

ʒentral- und ʟandesbibliothek ʙerlin

# Virtual Services for the Knowledge Society

- OPAC
- SMS Reminder
- Newsletter / RSS
- Link-Collections
- Digitisation
- Metadata

Zentral- und Landesbibliothek Berlin

# E-LernBar of ZLB

Customers want

- Interactive Language Courses
- Digital Photogalleries
- Music Compilation and Creation
- Learn Technology

zentral- und Landesbibliothek Berlin

# ....and more with Library 2.0

- Chat
- Info-Bot
- Wiki
- Podcast
- Blog
- Conference Videos

Zentral- und Landesbibliothek Berlin

IFLA

# How Library and Information Professionals
# are serving the Knowledge Society

- Deep Indexing
- Enhanced Search
- Virtual services
- Open Access
- Document Server

Zentral- und Landesbibliothek Berlin

# Pros and Cons

Contra: „Not all information is relevant and must be collected by libraries"

PRO: „Somebody must collect and preserve collected data for future use"

Who?

Zentral- und Landesbibliothek Berlin

# Cyberinfrastructure 1

German Research Foundation's Program up to 2015 on Digital Information:

- National Licences
- Digitising
- Digital Preservation
- Open Access
- Primary Research Data  +

Claudia Lux : Grey GL9 07    Zentral- und Landesbibliothek Berlin

# Digitising

- Senatsbibliothek Berlin (ZLB) DFG Grant
- Collection of unconventional material on city-planning
- Cities agree to the digitisation
- Open access using Opus server technology

IFLA

Zentral- und Landesbibliothek Berlin

# Grey Literature collected digital

# Digital Preservation

- ZLB downloading Grey Literature from the Web

- Save on servers in Berlin

- Plan to collaborate with the German National Library and the Digital Preservation Program, when it is installed

# Primary Research Data

- data as a base of published research
- digital preservation for new research (shared data)
- how to collect, to catalogue, to preserve, to use datasets

Zentral- und Landesbibliothek Berlin

IFLA
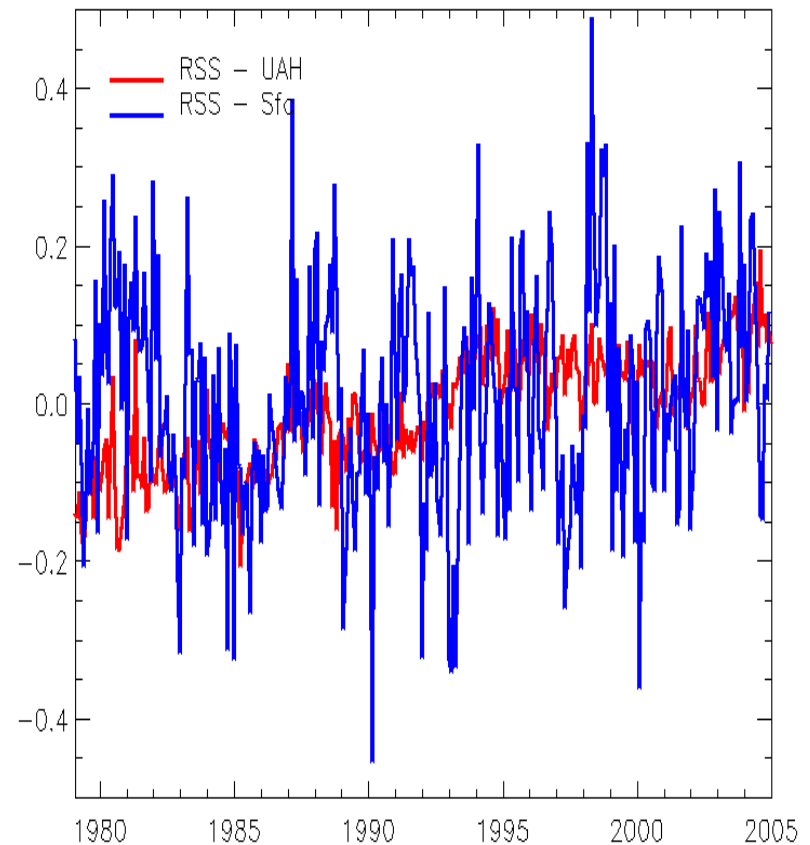
# Cooperation

- Data Centre and Libraries working together
- Knowledge Exchange Partners, DINI
- Technology?
- Standards?
- Use of Data?

Zentral- und Landesbibliothek Berlin

IFLA

# Cyberinfrastructure 2

Council of Library and Information Research (CLIR), Washington DC, feature a project:


- Scholars' Evaluation and Analysis of Major Digitisation Projects

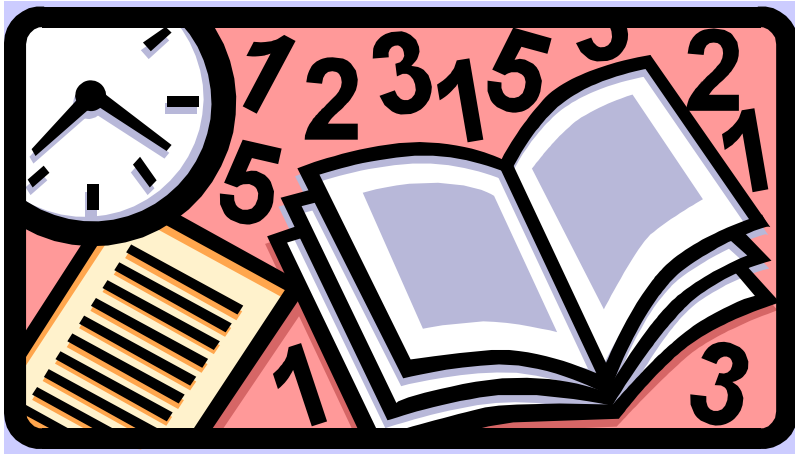Zentral- und Landesbibliothek Berlin

# How do researcher use it?
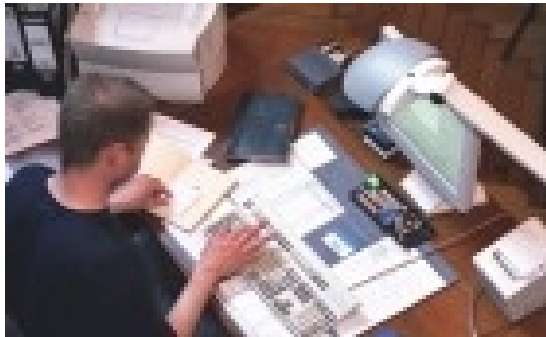


- More and different information (Videos, Podcasts, Papers, Data) primary as Grey Sources and Open Access
- Combination to a far wider degree as ever before

# Will Research Change?



- Are Scholars prepared to use new combinations?

- Levels of academic carrier - are they changing from print to digital and open access ?

Zentral- und Landesbibliothek Berlin

IFLA

# Helmholtz Society
# Grey Source: Conference Video

http://www.tfh-wildau.de/tfhbib/media/oa_videos/20061026_oa_teil9.wmv

**Science in the Net and Open Access**
**Workshop at the TFH Wildau, 26.10.2006**
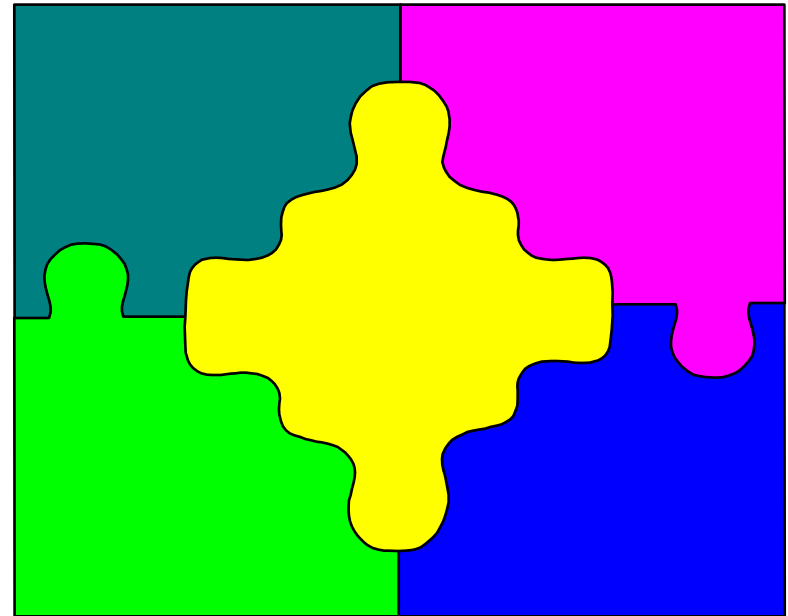
**Example:**

**Dr. Jens Klump**
**(GeoForschungsZentrum Potsdam)**
***Das Helmholtz Open Access Projekt***

IFLA

Zentral- und Landesbibliothek Berlin

# Impact to the Future of Grey?

- Broad accepted standards are urgent

- Merging of Material

- Descriptions that opens aspects to future research?

Zentral- und Landesbibliothek Berlin

IFLA

# Challenges to Library and Information Professionals

- Future development
- Technology
- Partnership and co-operation
- ...

# Technology is the Key...

- and turning the key is a task for the library and information professional to open the gate to knowledge for further research

**IFLA**

Zentral- und Landesbibliothek Berlin

# What do we need?

GL9

Greynet

- Organisations like GL
- Active development and use of guidelines and standards
- Public institutions and public support

# International Federation of Library Associations and Institutions

- Sharing Professional Knowledge
- International Congress
- Global Contacts

- Guidelines
- Manifestos
- Standards
- Best Practise
- Advocacy

**IFLA**

Claudia Lux : Grey GL9 07

Zentral- und Landesbibliothek Berlin

# Libraries on the Agenda!

- Marketing of our Library and Information Services

- Presentation of our Value

  and our Impact on the Information Society (World Summit of the Information Society)

- in all fields (Success Data Base)

Zentral- und Landesbibliothek Berlin

# Grey Literature Success Story



Agrartechnology
Small company in
East Germany
key of new technology:
a dissertation
in German!
Who loaded it up the
net?
The University library!

zentral- und Landesbibliothek Berlin

# Between Black and White: Grey Literature is Coloured!
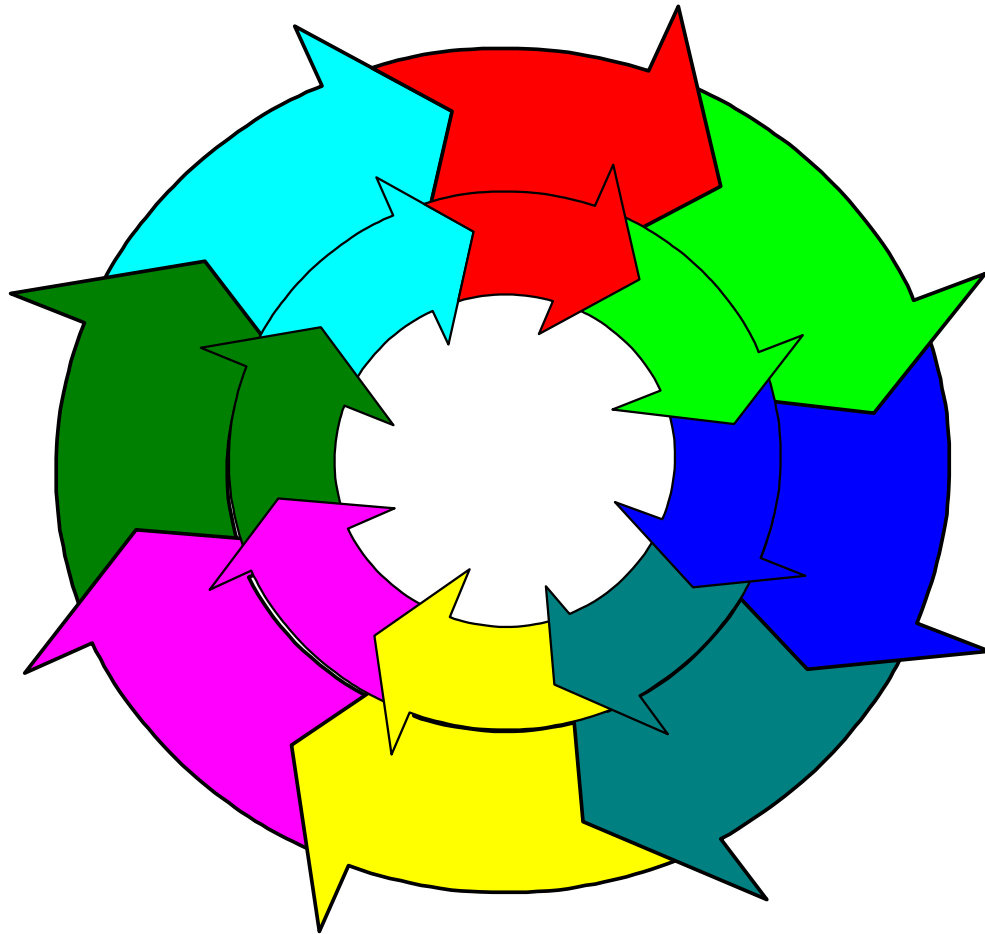
# Grey, my friend, is every theory,
# and green alone life's golden tree.

# Thank you for your attention!

lux@zlb.de

and don´t forget to…. join IFLA
(if you have not done yet)

**IFLA**