



**Working with the European
Community and the new
European Aviation Safety Agency
(EASA)**

November 5, 2003



Agenda

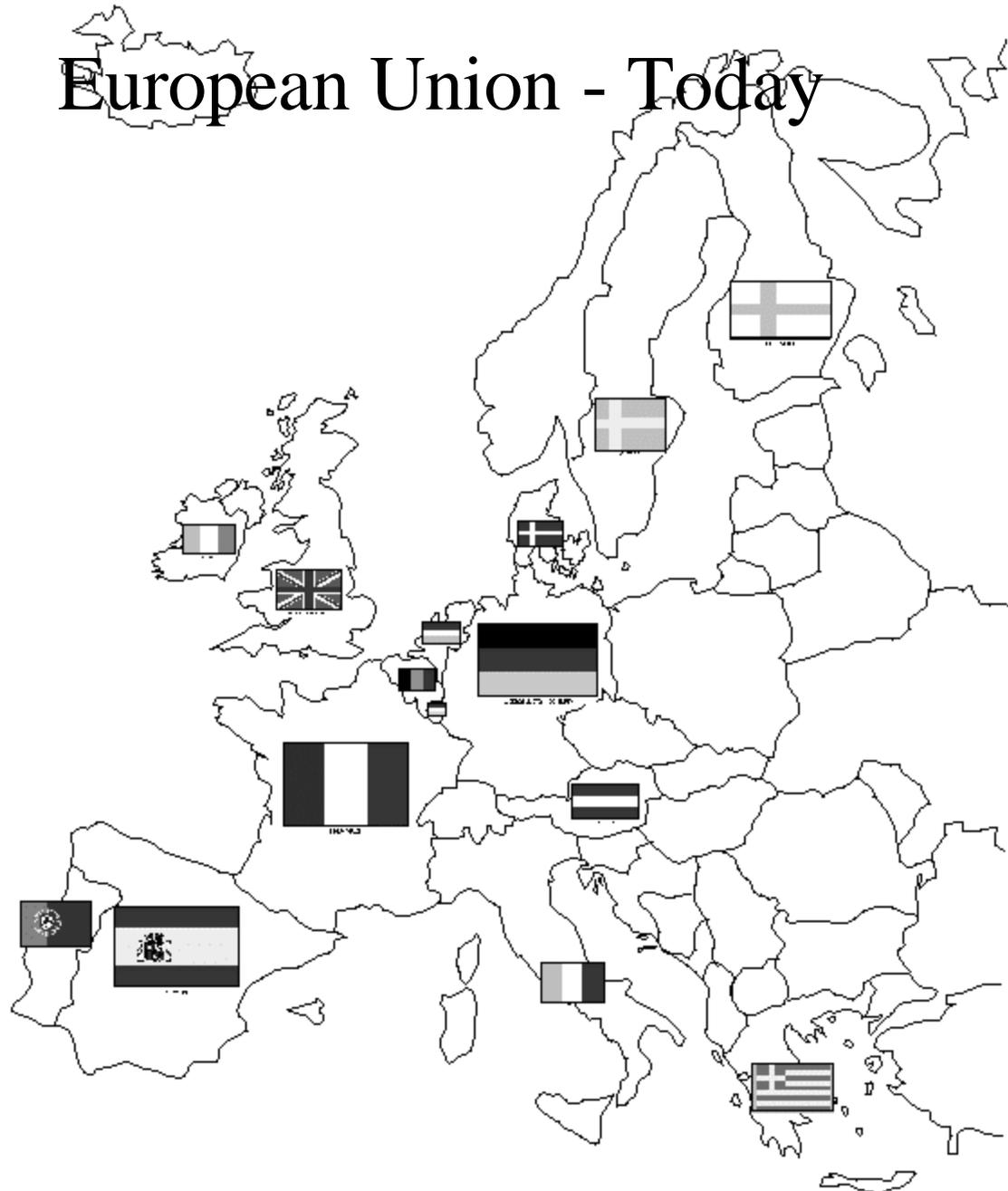
1. The European Union

2. FAA Order 8110.4

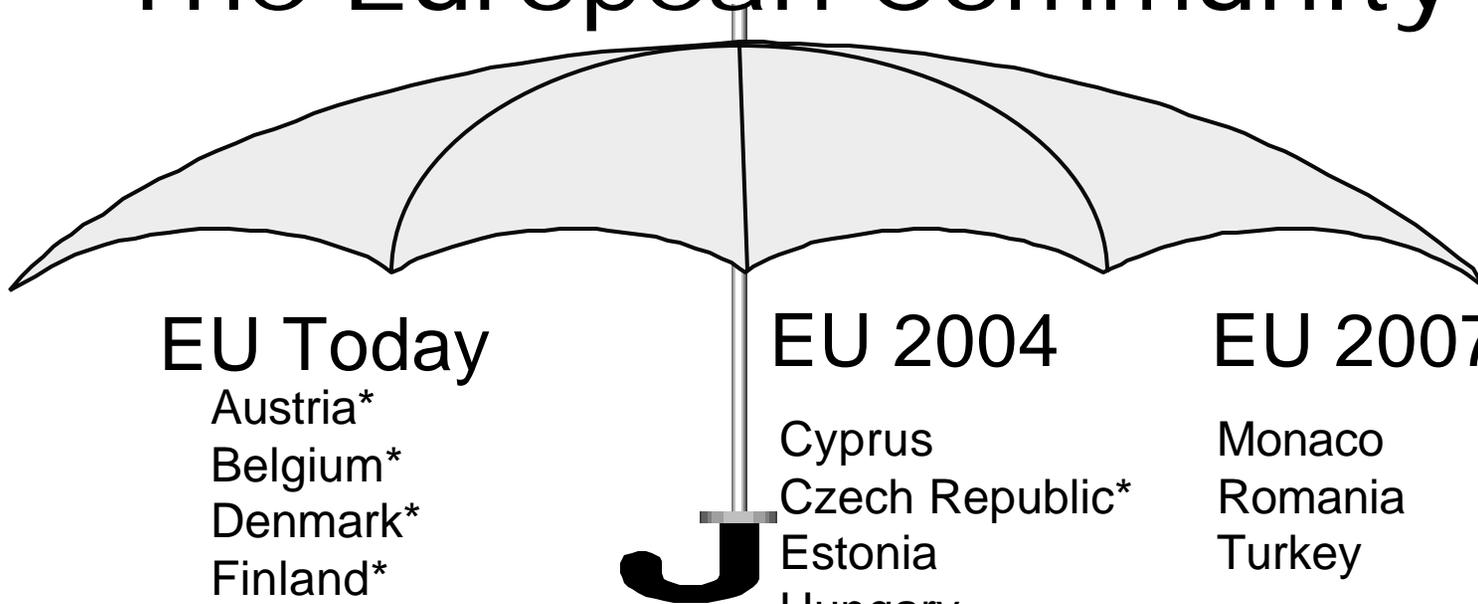
-  **The New EU System and our Bilateral agreements**
-  **Importing EU products into the U.S.**
-  **Exporting U.S. Products to the EU**
-  **Rulemaking and Policy**
-  **Technical Assistance between Authorities**
-  **Appendices**

European Union - Today

- Belgium
- France
- Germany
- Italy
- Luxembourg
- Netherlands
- Denmark
- Ireland
- United Kingdom
- Greece
- Portugal
- Spain
- Austria
- Finland
- Sweden



The European Community



EU Today

Austria*
Belgium*
Denmark*
Finland*
France*
Germany*
Greece
Ireland
Italy*
Luxembourg
Netherlands*
Portugal
Spain*
Sweden*
United Kingdom*

EU 2004

Cyprus
Czech Republic*
Estonia
Hungary
Latvia
Lithuania
Malta
Poland*
Slovakia
Slovenia

EU 2007

Monaco
Romania
Turkey

* Current bilateral partner

Non-Member States Today (JAA Members)

- Albania
- Bulgaria
- Croatia
- Cyprus
- Czech Rep
- Estonia
- Hungary
- Iceland
- Latvia
- Poland
- Malta
- Macedonia
- Moldova
- Monaco
- Norway*
- Romania
- Slovak Rep
- Slovenia
- Switzerland*
- Turkey
- Ukraine

EASA Responsibilities

- **Rule making for all areas currently covered by JAA**
- **TC/Validation for Parts 23, 25, 27, 29, E&P**
- **Approval of Design Organizations for above codes**
- **Standardization of EU Member States NAAs and/or Qualified Entities**
- **Analysis and reporting of Safety Data**



EASA Schedule

September 28, 2003

EASA Begins operations, transition of functions and competencies from Member States to EASA

November 2003

Certification Specifications in effect

January 2004

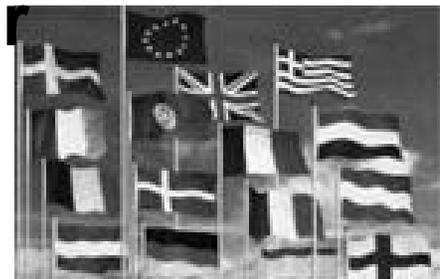
10 new EU Members Added

2005 ?

EASA Assumes Responsibility for Operations and Licensing

March 2006

Complete transition to EASA



Transition Order 8100.14

- 1. General**
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New EU System and Bilaterals

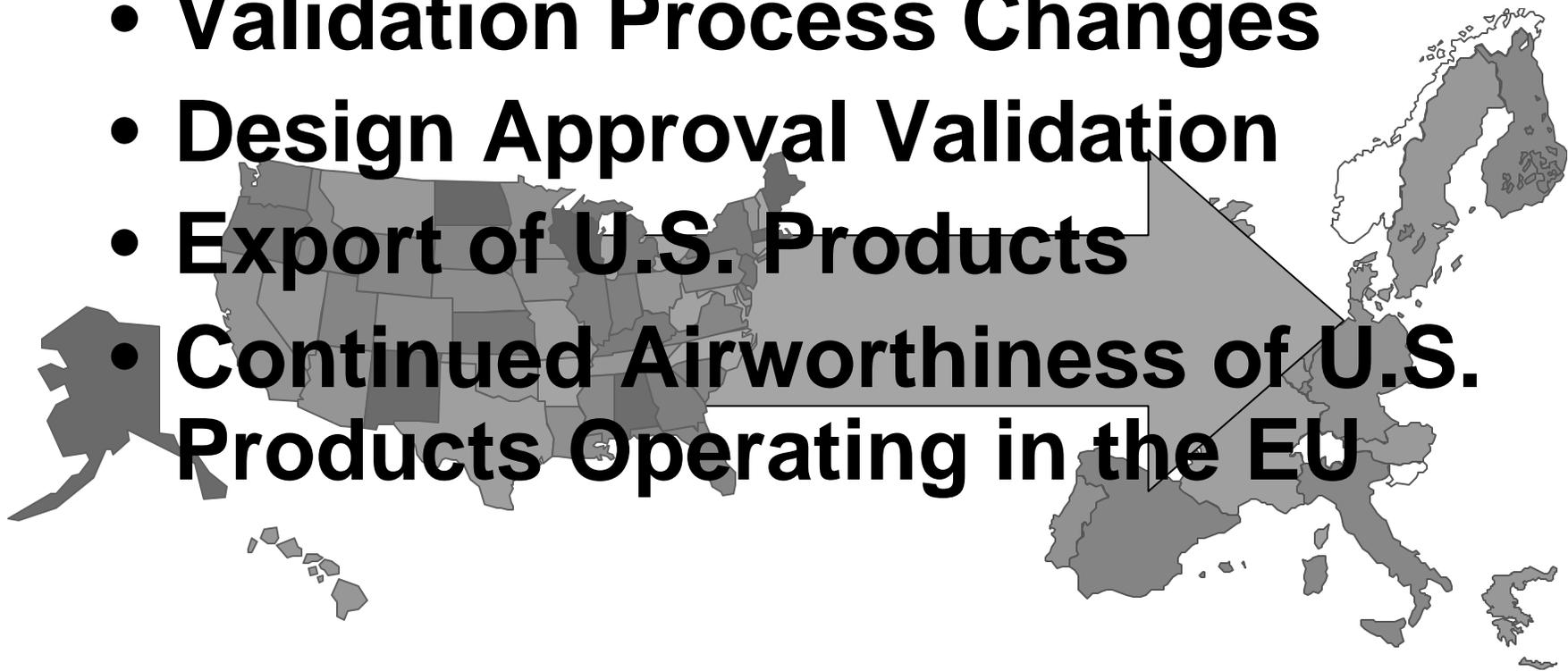
- **Transition to new EU Regulatory System**
- **EU Division of Responsibilities**
 - Rulemaking and Policy
 - Airworthiness Certification
 - Oversight and Standardization
- **Related EU Policy and Guidance**
- **Bilateral Agreements**
- **Type Validation Principles (TVP)**
- **Recognition of Delegation and Designee Systems**

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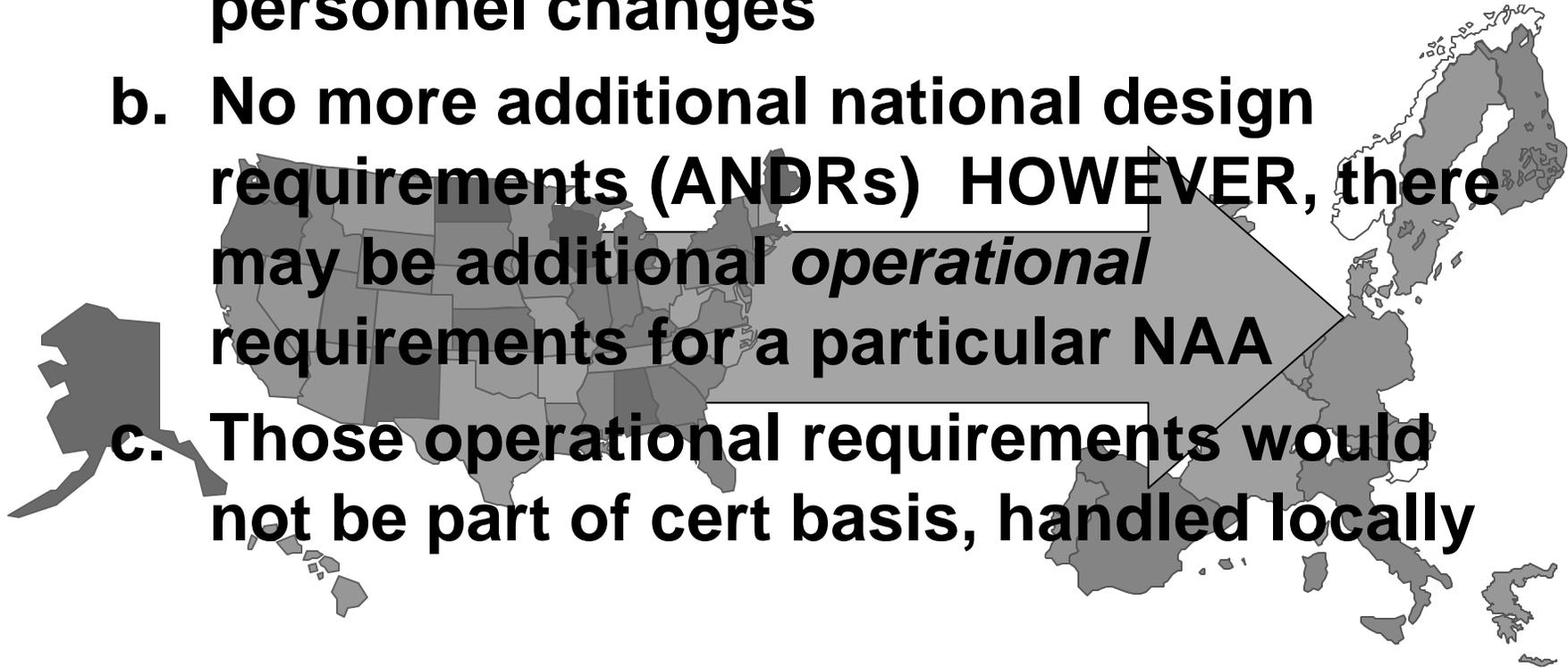
Exporting U.S. Products to the EU

- **Validation Process Changes**
- **Design Approval Validation**
- **Export of U.S. Products**
- **Continued Airworthiness of U.S. Products Operating in the EU**



Validation Process Changes

- a. EASA will notify the FAA project office of personnel changes
- b. No more additional national design requirements (ANDRs) **HOWEVER, there may be additional *operational* requirements for a particular NAA**
- c. Those operational requirements would not be part of cert basis, handled locally

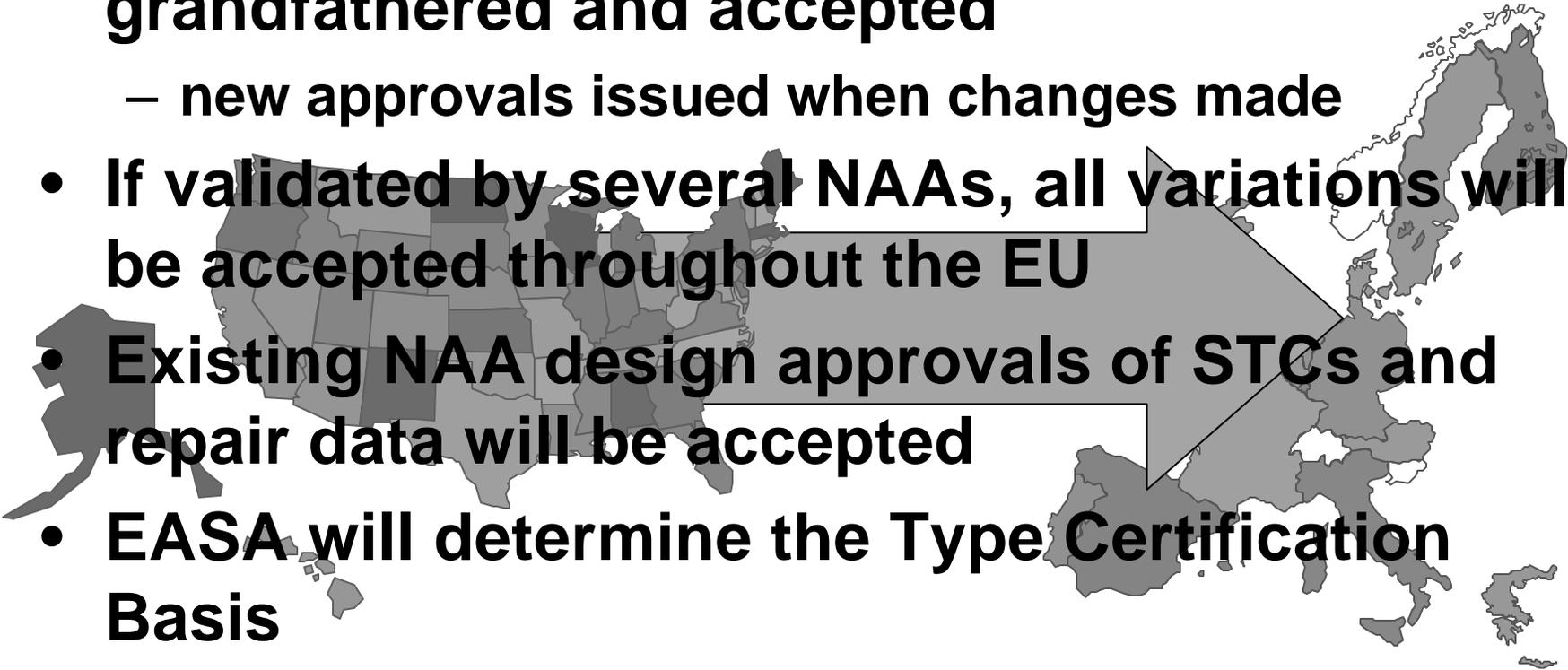


Design Approval Validation

- a. Existing products**
 - b. In-process validations**
 - c. New applications**
 - d. Environmental considerations**
 - e. Design changes and data in support of repairs**
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Chapter 4-2

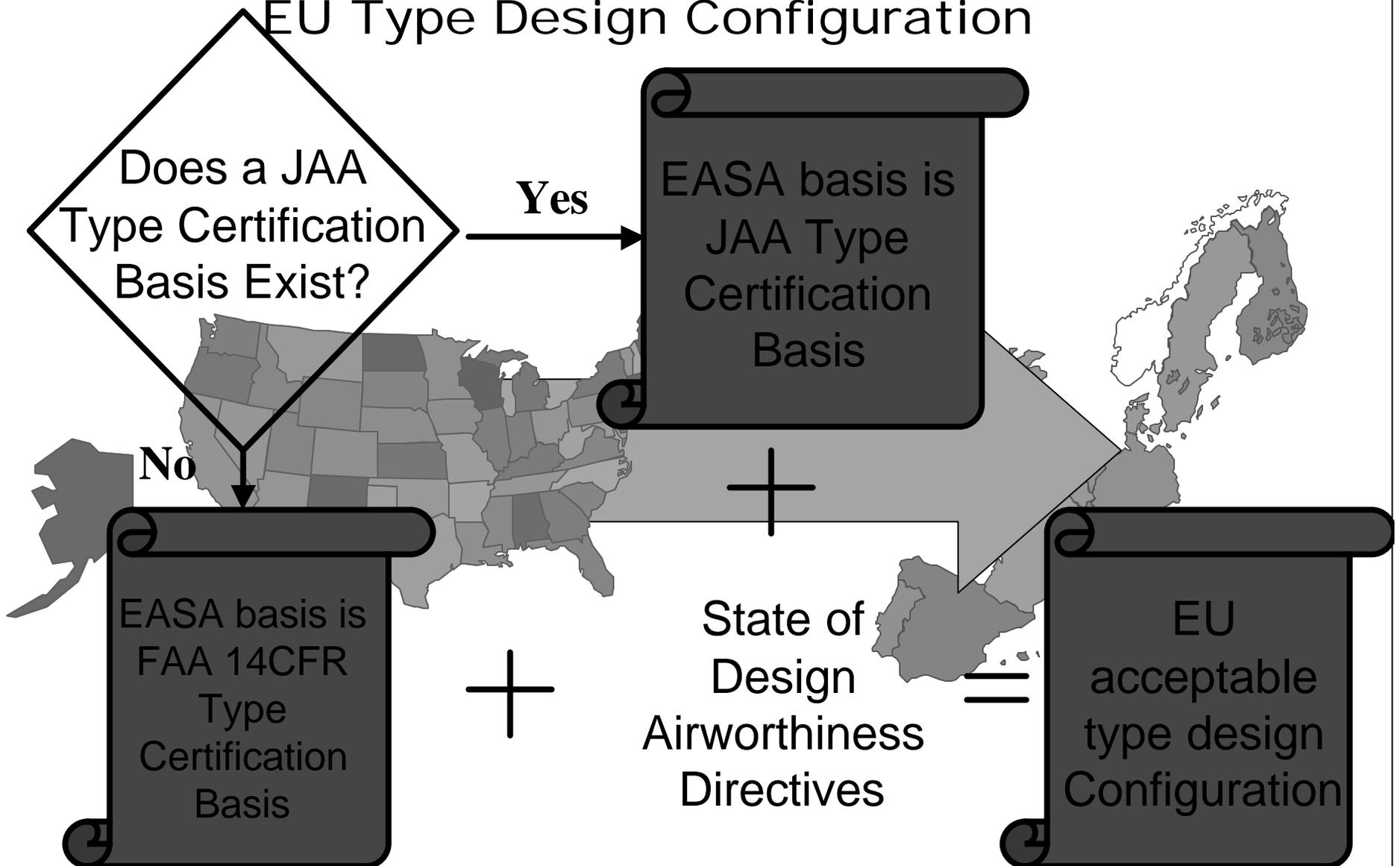
Design Approval Validation – Existing validations

- **All existing validations of U.S. products are grandfathered and accepted**
 - new approvals issued when changes made
 - **If validated by several NAAs, all variations will be accepted throughout the EU**
 - **Existing NAA design approvals of STCs and repair data will be accepted**
 - **EASA will determine the Type Certification Basis**
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Chapter 4-2

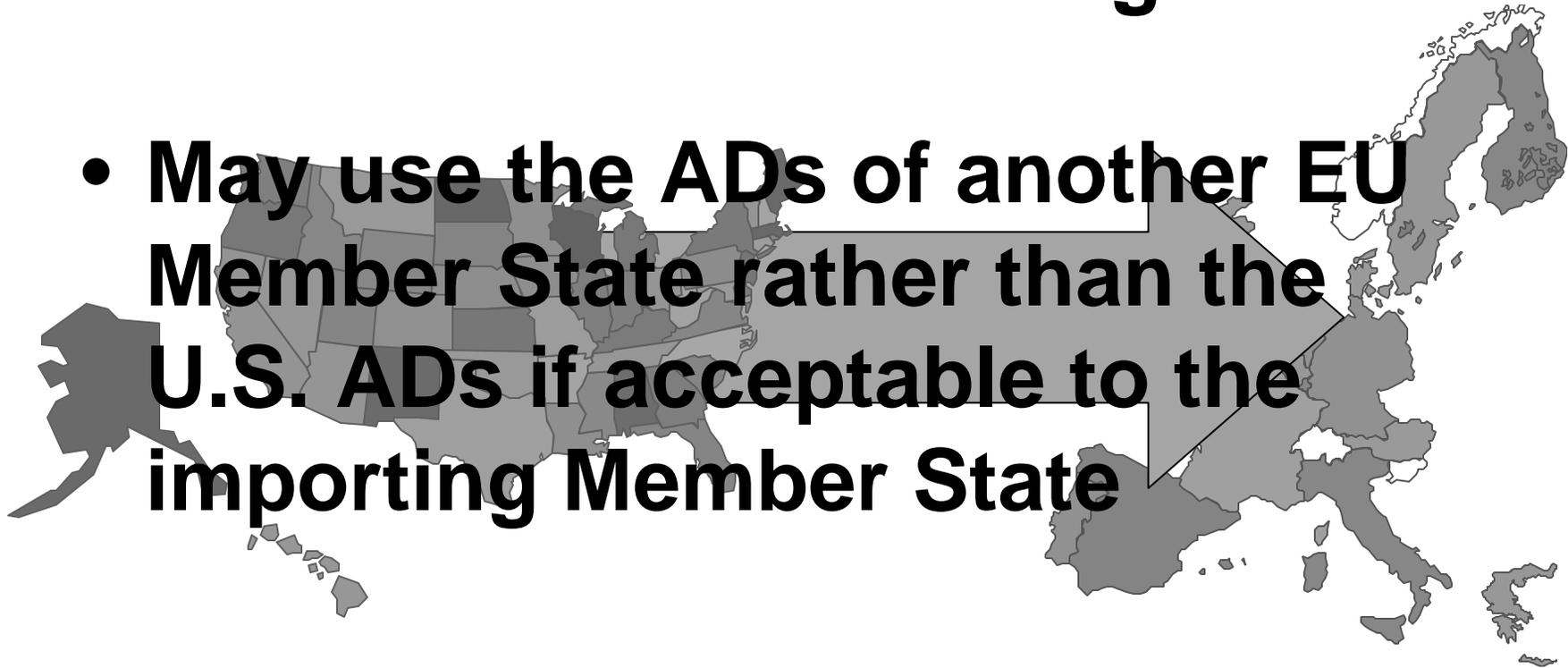
Design Approval Validation Chapter 4-2

EU Type Design Configuration

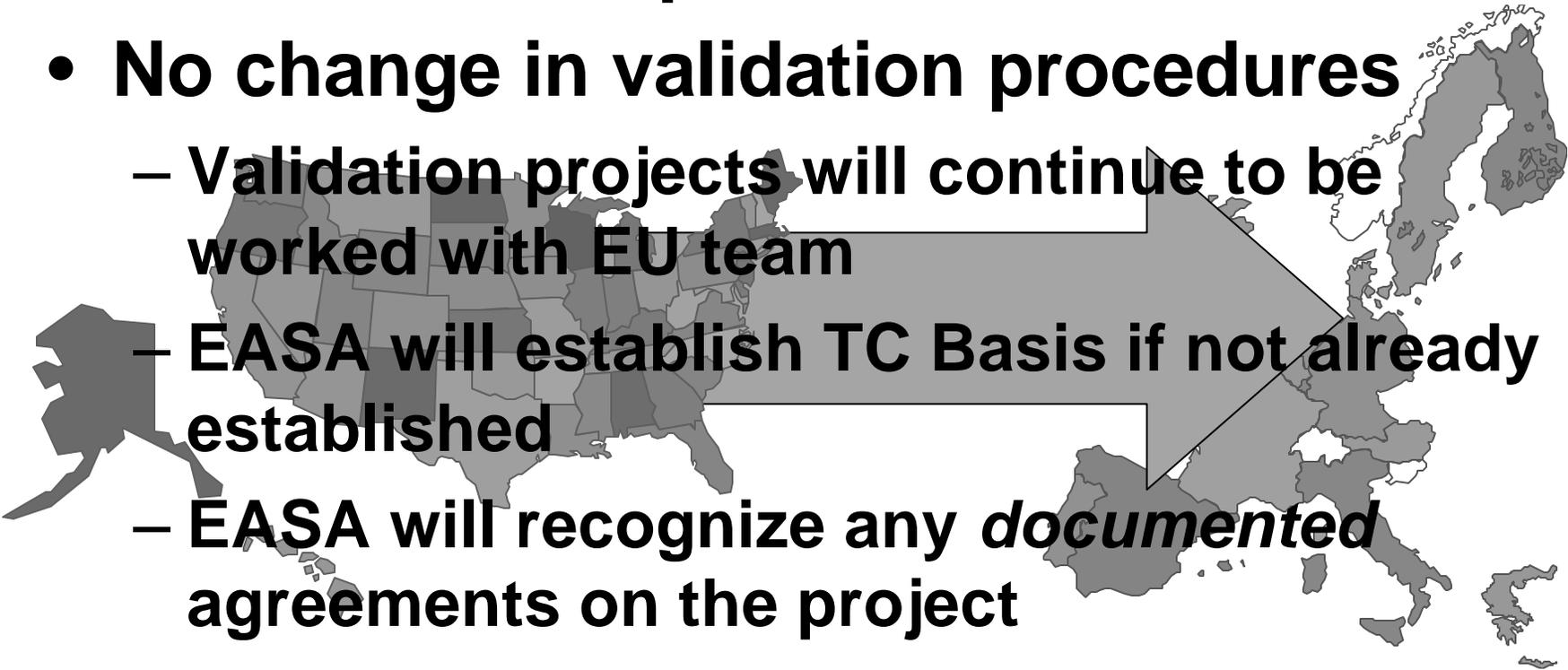


Applicable ADs

- **ADs of the State of Design or**
- **May use the ADs of another EU Member State rather than the U.S. ADs if acceptable to the importing Member State**



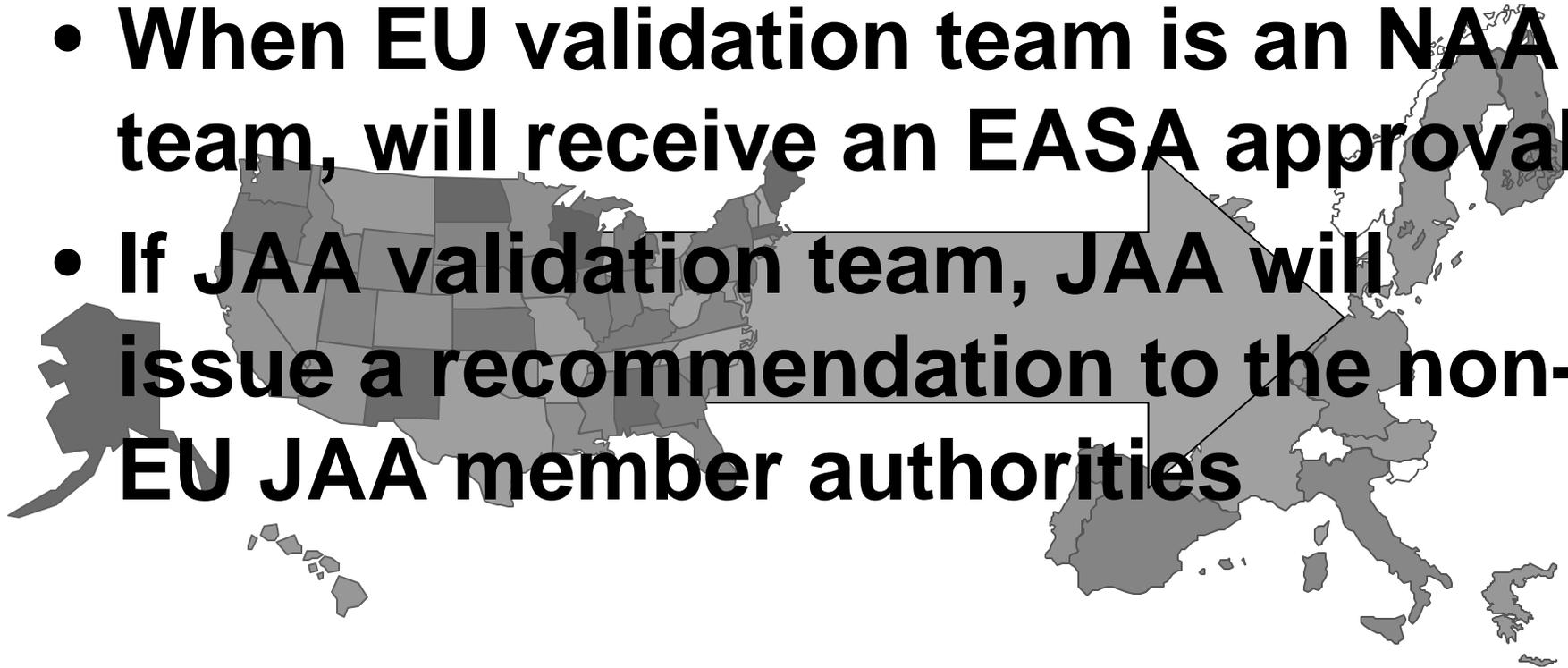
Validation Projects in Process

- **EASA will accept all NAA validations**
 - **No change in validation procedures**
 - Validation projects will continue to be worked with EU team
 - EASA will establish TC Basis if not already established
 - EASA will recognize any *documented* agreements on the project
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Chapter 4-2

Validation Projects in Process (cont.)

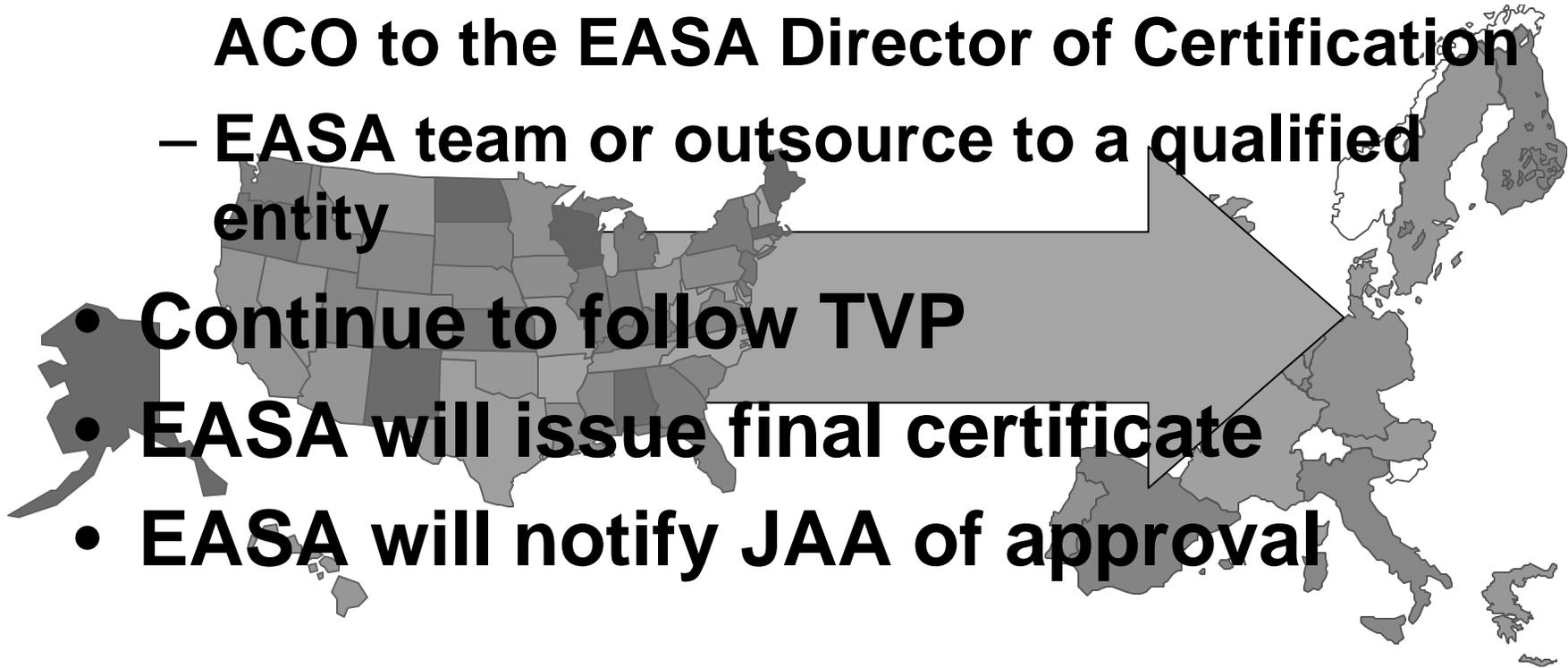
- **When EU validation team is an NAA team, will receive an EASA approval**
- **If JAA validation team, JAA will issue a recommendation to the non-EU JAA member authorities**



New EASA Validations

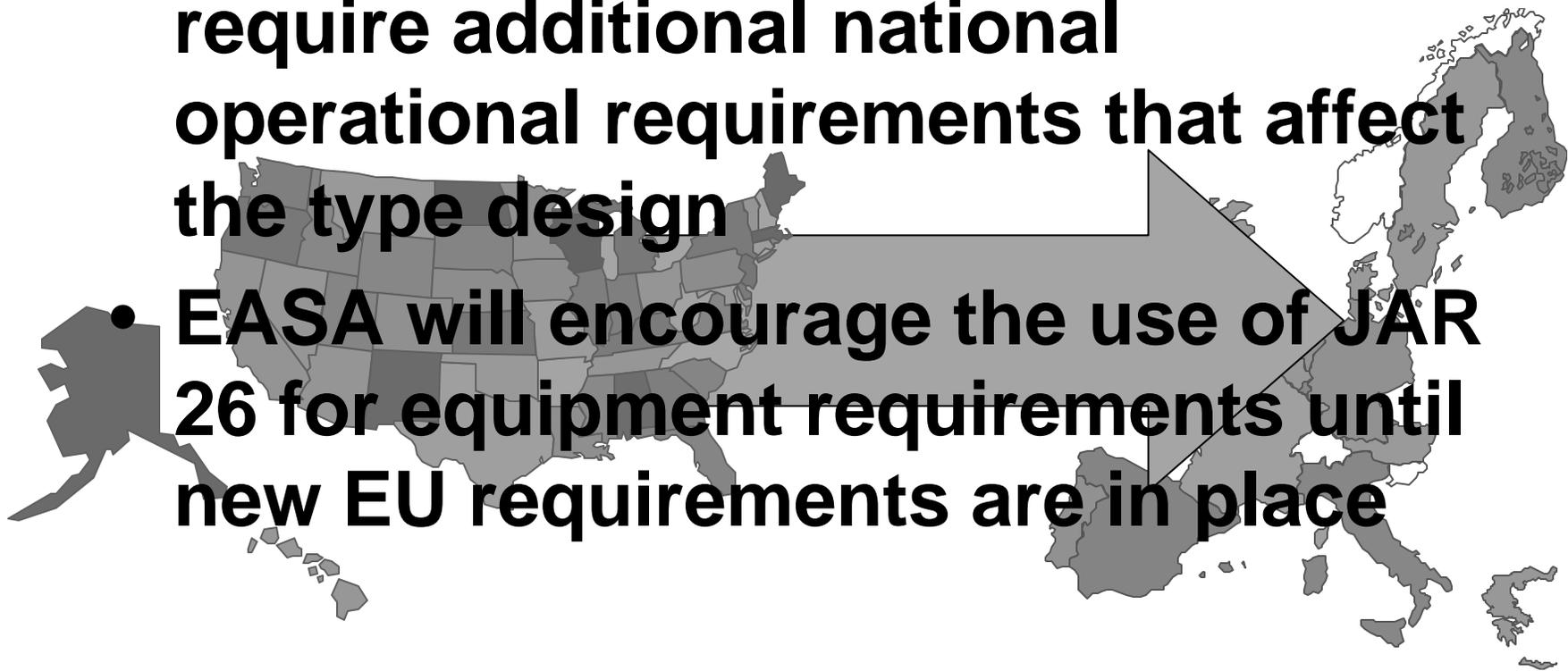
- **New Applications for Validations**
 - Applications will be made through the ACO to the EASA Director of Certification
 - EASA team or outsource to a qualified entity

- **Continue to follow TVP**
- **EASA will issue final certificate**
- **EASA will notify JAA of approval**



New EASA Validations

- **No ANDRs – BUT – NAAs may require additional national operational requirements that affect the type design**
- **EASA will encourage the use of JAR 26 for equipment requirements until new EU requirements are in place**



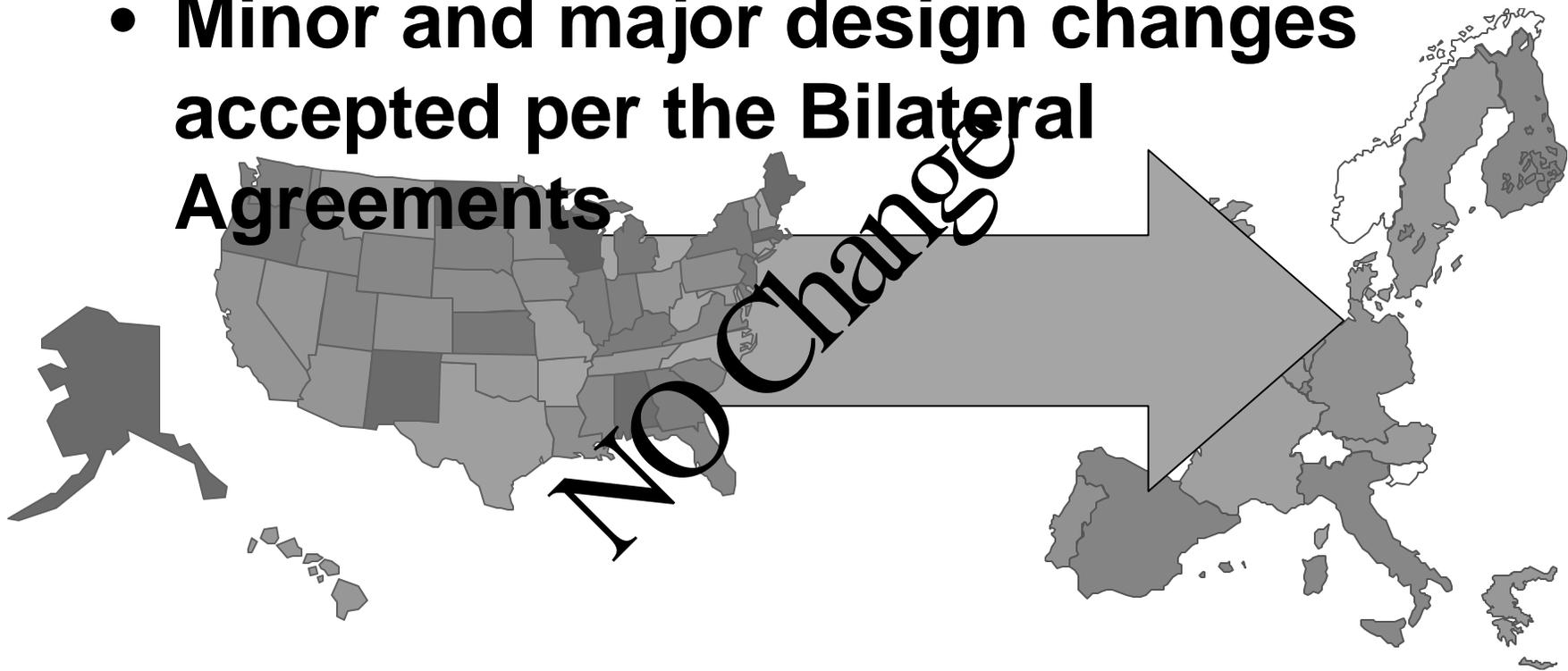
Environmental Approvals

- **All current bilateral agreements do not include reciprocal acceptance of environmental approvals**
- **Annex Part 21 – U.S. applicant must declare that the product complies with the EU essential requirements for environmental protection.**
- **EASA will issue 2 data sheets – one for airworthiness and emissions and one for noise**

Chapter 4-2

Design Changes to the EU

- **Minor and major design changes accepted per the Bilateral Agreements**



Chapter 4-2

Export of US Products to the EU

- **New AC 21-2 requirements for the EU will be available on the internet**
- **Use 14 CFR Part 21, Subpart L and AC 21-2 published requirements**
- **Certifying Statement Changes:**
 - **Export C of A should state that the product, part, or appliance conforms to the EASA TC Basis and the importing country's ADs and**
 - **In the Exceptions block, "Additional Information" should reference other unique requirements for aircraft registration or operational needs requested by the EU Member State**

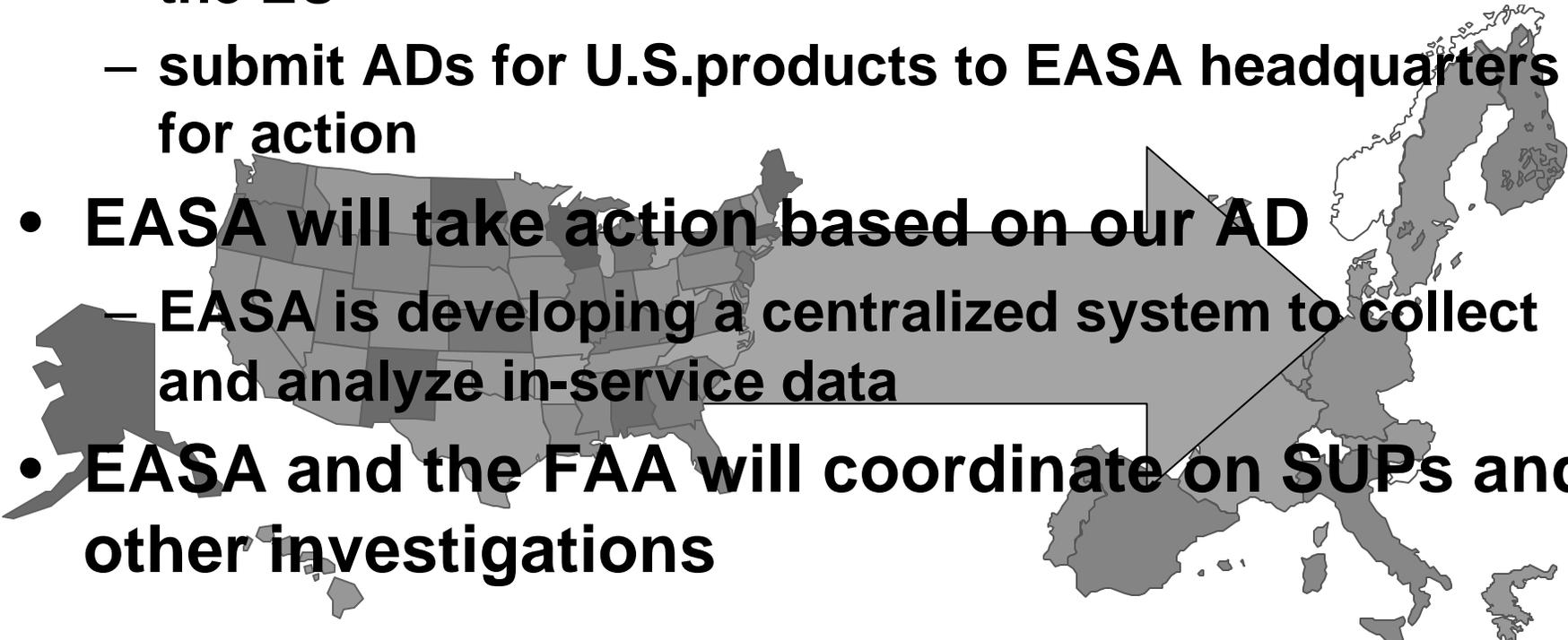
Chapter 4-3

Export of US Products to the EU

- **Continue to issue FAA Form 8130-4 and 8130-3**
- **Any non-compliance to the EASA TC will also be documented as an “exception”**
 - **Written acceptance by EU Member State NAA/EASA is required prior to export**



Continued Airworthiness

- **The FAA will**
 - inform EASA of ADs on U.S. products operating in the EU
 - submit ADs for U.S. products to EASA headquarters for action
 - **EASA will take action based on our AD**
 - EASA is developing a centralized system to collect and analyze in-service data
 - **EASA and the FAA will coordinate on SUPs and other investigations**
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Chapter 4-4

Forms

- **NAA and JAA forms executed prior to EASA being operational are still valid**
- **NAAAs will continue to use their own forms, unless required otherwise by EASA**



Chapter 5-4

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Technical Assistance

- **FAA will continue to provide support per existing bilateral agreements**
- **New requests for assistance will be directed to EASA or the NAAs depending on the type of assistance requested**
- **Existing working arrangements with NAAs will continue**



Chapter 6-1

Requesting Conformity Inspection Support

- **Make request to applicable EU Member State NAA per current policy and procedures.**
- **EU Member State NAA will send back all requested conformity inspection documentation, and will also issue an EASA Form One signifying conformity, to accompany the prototype part on shipment.**



Chapter 6-2

Requesting Test Witnessing

- **Request to EASA Director of Certification**
- **EASA may task an NAA to support the request.**
- **EASA or the NAA will send back all test witnessing documentation to the requesting FAA office.**



Chapter 6-3

Compliance Findings to EU Requirements

- **FAA will continue to make statements of compliance to European airworthiness codes as requested by BILATERAL PARTNERS**
 - **Designees may be authorized to make findings per Order 8110.37**



Chapter 6-4

Airworthiness Certificates

- **Germany, Italy and France will continue to assist with issuing U.S. Standard Airworthiness Certificates in their respective countries**



Chapter 6-5

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Appendices

- **EASA Forms**
- **Accepted Products and Services**
- **TCDS Import Requirements**
- **Annex II to the Basic Regulation**
- **Acronyms**



Website Information and Resources

- **Internet**

- U.S. Products and European contacts

<http://www.faa.gov/certification/aircraft/easa>

- EASA Frequently Asked Questions:

http://www.faa.gov/certification/aircraft/easa_faq.stm

- EASA Certification Specifications Website:

http://www.jaa.nl/jaa_easa/jaa_easa.html#ir

- **Interactive video Training**

- EASA Course Number 25838 available for purchase at www.opi2001.com

